

The Cotton Gin and Oil Mill

PRESS

SEPTEMBER 20, 1958



THE MAGAZINE OF THE COTTON GINNING
AND OILSEED PROCESSING INDUSTRIES

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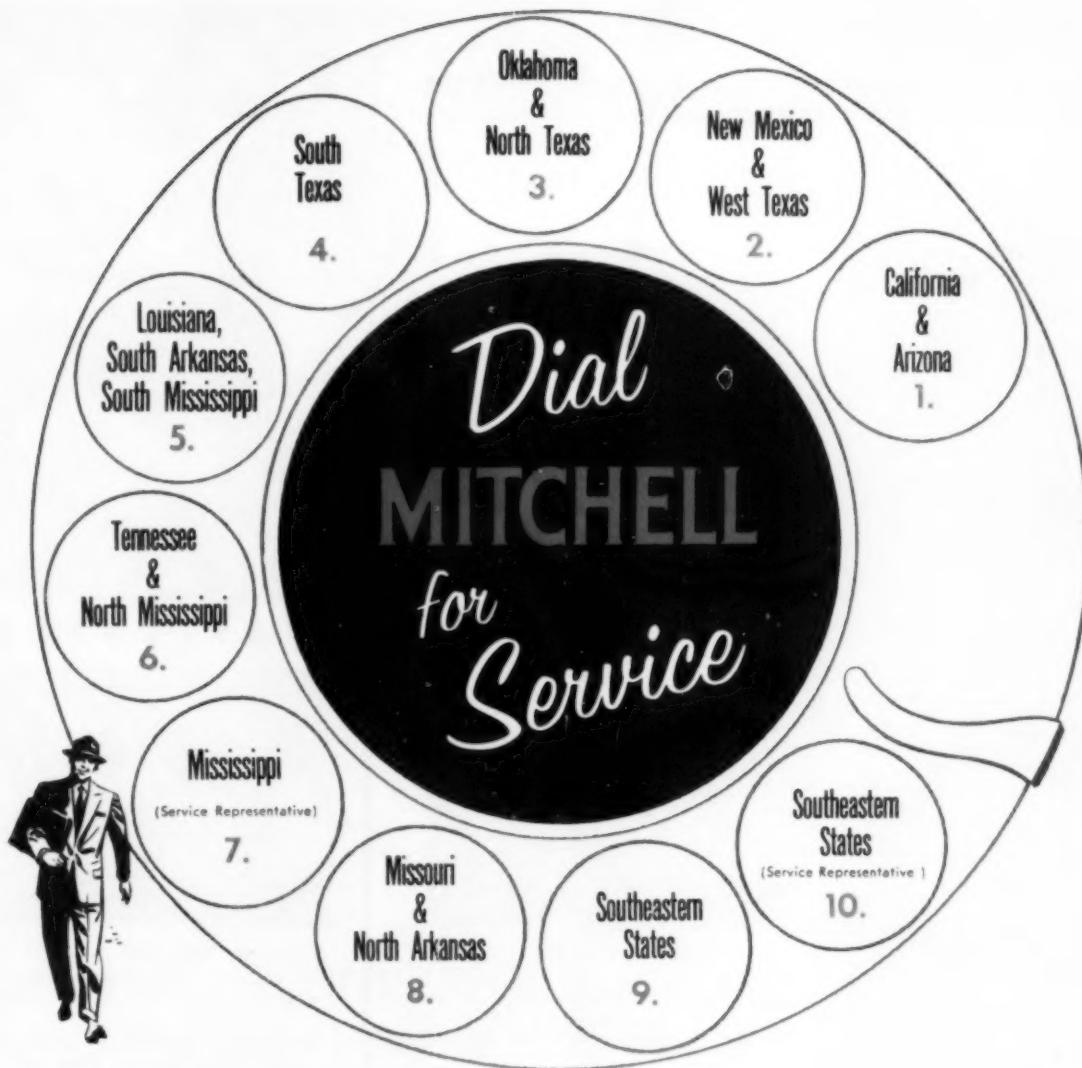
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FROM CALIFORNIA TO
THE CAROLINAS

* * *

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744 Jackson Place, N.W.
Washington 6, D.C.

Published by

HAUGHTON PUBLISHING COMPANY

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SUBSCRIPTION RATES:

Domestic: 1 year \$3; 2 years \$5; 3 years \$7.
Foreign: Latin-American countries \$10; all others
\$15 per year. (Not accepted for "Iron Curtain" countries). All subscriptions cash with order.

Published Every Other Saturday

* * *

EXECUTIVE AND EDITORIAL OFFICES:

3116 COMMERCE STREET, DALLAS 26, TEXAS



ON OUR COVER:

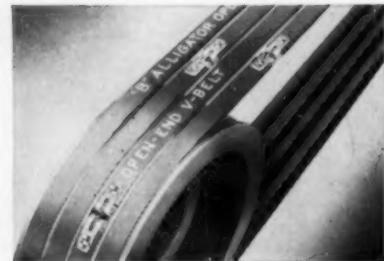
Pioneering still goes on in America, even though the methods have changed from the days of our ancestors. In the Southwest and West, men are breaking new land to grow cotton, grains and other crops where people once thought farming could not be maintained. Our cover picture shows land being plowed in West Texas with efficient, modern equipment.

Photo by I. G. Holmes

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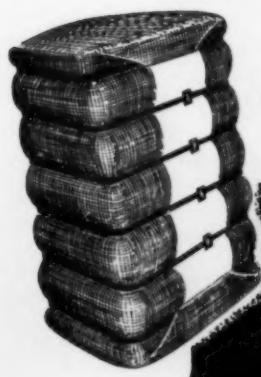


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U.S. Cotton Markets

By **GEORGE H. TRAYLOR, JR.**

■ THE AUTHOR based the following article upon his observations during a recent trip to the Far East and Australia to study the outlook for cotton. Traylor is a partner in R. S. Tapp and Co., Lubbock, Texas, a cotton firm with which he has been associated since 1951. From 1946 to 1951, he was with W. D. Felder and Co. in Dallas and Lubbock. His father, George H. Traylor, Sr., is executive vice-president and secretary-treasurer of The Cotton Gin and Oil Mill Press.

in the Far East and Australia

MANY FACTORS limit the export of U.S. cotton to the Far East and Australia, but the long-range outlook is good.

This is my conclusion based upon a recent trip to the Far East. The primary reason for this trip was to try to get an understanding of the problems faced by cotton manufacturers there.

Through knowledge of these problems, our firm hopes to be able to promote the sale of Texas cotton. With such a variety to choose from, we feel sure that a large volume of our cotton could be profitably moved to this area.

My time was limited, and permitted only a quick glance at problems other than those related to the textile business. The factors affecting the various econo-

mies were always the same, however:

1. General conditions in the U.S.;
2. Free dollar balances;
3. Red China's selling prices.

• **THE U.S. "Recession."** — The "recession" in our country was being widely publicized at the time of my visit to the Far East. One of the first questions always asked was "How bad is your depression?"

This was definitely affecting policy decisions over there; and our careless, piecemeal reporting on this subject definitely had caused confusion everywhere I went.

• **Needed — U.S. Dollars** — The dollar situation is critical, especially in Japan and the Philippine Islands. Their exports to us are their only source of dollars, which they need badly for equipment and raw materials that we supply. They realize, however, that heavy imports of their cheaper manufactured articles by this country would aggravate our "recession," which would in turn endanger their own economy.

So, for the most part, they must depend on loans under one or another of the aid programs, which can be repaid in local money over a period of time. This means that manufacturing there is controlled by the central banks or government agencies who allocate these dollar grants. As we all know, it is difficult, if not impossible, to plan future operations under such circumstances.

Further complicating matters, the other markets on which Japan and the Philippine Islands depend are being flooded with below-cost Red Chinese goods. Apparently the Communists are following a two-part plan:

1. To undermine the economies of competitive pro-U.S. countries by price cutting;
2. To get outside exchange at any cost.

I was told by a well informed man that Communist China was selling finished textiles at a price which barely allowed recovery of the cost of raw material.

These seemed to me to be the big general problems facing Japan and the Philippine Islands.

Hong Kong, being a free port, and not dependent on manufacturing so much as on retailing, is a different situation. Their main problem seemed to be overcrowding, due to heavy immigration from Red China. The housing and sanitary facilities are terribly inadequate, and many people sleep in the streets, some without even tents as a shelter.

In Australia you see just the opposite situation: They need more people. There is tremendous opportunity there for people with technical know-how. The people are energetic and ambitious, and the country has many natural resources which have been relatively neglected.

• **Outlook for U.S. Cotton** — Our prospects for exporting cotton to these countries appear to me to be as follows:

■ **JAPAN** — Japan represents the biggest consumer, and the mills prefer doing business with us. They are aggressive and intelligent operators, with some of the finest textile manufacturing equipment in the world.

The market for our cotton there is limited only by our ability to price it competitively, and their ability to get dollars to pay us with. They can use practically any kind of cotton produced here, and will use it, if priced right. The mills are operating on a below capacity basis now, but when true competition returns to the Far East textile markets, we can count on expanding exports to Japan.

■ **THE PHILIPPINES** — The Philippine Islands are also to consume more

(Continued on Page 31)



GEORGE H. TRAYLOR, JR.

Eastern States Opens Eighth Terminal

The opening of Eastern States Petroleum & Chemical Corporation's eighth terminal was announced this week by E. A. Von Doersten, manager of divisions for the firm. The new terminal is located in Savannah, Ga.

Other terminals are located in Chicago; East Liverpool, Ohio; Madison, Ind.; Brownsville, Texas; Carteret, N.J.; and Los Angeles.

In an expansion program started over two years ago, the firm's plan has been to open terminals in strategic locations in order to give better service to customers located within these areas, according to Von Doersten.

Custom designed barges and other specialized shipping facilities are used exclusively for solvent delivery to the various terminals. This type of careful handling insures cleanliness and purity of product.

Von Doersten said that a complete line of the firm's Espesol brand petroleum-base aliphatic and aromatic solvents is carried by each terminal.

Fewer Braceros Used

San Joaquin Valley farmers have used very little Mexican labor to date, employment officials say. They report enough help available for early cotton harvesting, but expect a need later for outside labor.

Quality Is Our Job

Price, promotion and quality are the foundations upon which cotton must build its future. The quality depends almost entirely upon growers and ginners.

■ **PRICE**—Cotton is promised more effective competitive pricing through legislation which the industry recently fought through Congress. While not perfect, this law should lead to greater competitive strength for cotton in markets.

■ **PROMOTION**—Cotton is receiving outstanding promotional support through the expanding work of the National Cotton Council.

■ **QUALITY**—Supplying the right quality of cotton is just as essential as these other things, and it is the immediate thing that growers and farmers can do. Harvesting and ginning practices of the next few weeks will largely influence the quality of the 1958 crop. This is a challenge to every farmer and ginner.

The leadership of ginners is vital in this critical stage of cotton's fight for survival. Concentration on this goal of quality cotton will benefit everyone in cotton. It will make money for growers and ginners. It will strengthen cotton's competitive position.

Ginnings Late, Grades High

Upland cotton ginned to Sept. 1 contained the largest proportion of Strict Middling or better cotton since 1947, USDA reports. Inch or longer cotton made up 77 percent of these ginnings, compared to 86 percent of ginnings a year ago. The smallest percentage of the crop was ginned to Sept. 1 since 1953.

New Book

USDA 1958 YEARBOOK FEATURES LAND

"Land" is the title of the 1958 Yearbook of Agriculture, published by USDA. The 605-page publication is designed to interest everyone associated with the land and its economic value.

Copies may be purchased for \$2.25 each from the Superintendent of Documents, Government Printing Office, Washington 25.

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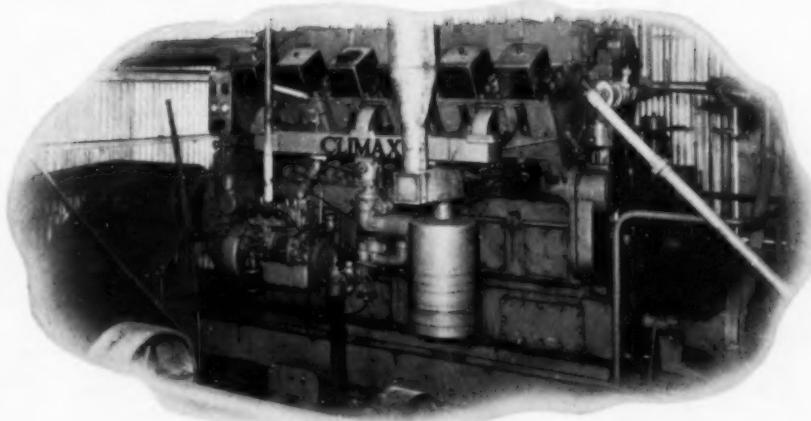
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FACTORY—CLINTON, IOWA

Richard A. Phelps Appointed Assistant Director of Research and Education For National Cottonseed Products Association

RIICHARD A. PHELPS will assume the duties of Assistant Director of Research and Education for the National Cottonseed Products Association on Oct. 15, 1958, with headquarters at 618 Wilson Building, Dallas, Texas.

He is currently completing the requirements for a Ph. D. degree in animal nutrition and biochemistry at Michigan State University.

Phelps is a native of the state of Massachusetts where he grew up on a 700-acre dairy farm and was graduated from high school at Williamstown, Mass. His undergraduate college work was done at Purdue University where he received a B.S. degree in agriculture in 1951.

Following active military service as an officer in the Transportation Corps of the U.S. Army from 1951 to 1953, Phelps has been engaged in graduate studies at Michigan State University. He was granted a M.S. degree in Dairy Production in 1956. Subsequently, he has completed all course and research studies required for the Ph.D. degree in animal nutrition and biochemistry.

While Phelps will be directly associated with all phases of the Association's research and educational program, a major portion of his activities will be devoted to development and extension of the comprehensive research effort which has been approved by the NCPA Research Committee and the Board of Directors.

NCPA Research and Education Director Garlon A. Harper points out that Phelps' livestock background and his extensive training in animal nutrition and biochemistry should enable him to make outstanding contributions to programs which are designed to improve and ex-



tend the usefulness of cottonseed products through well-planned research and widespread application of the resulting information.

Phelps' M.S. degree research was concerned with chemical and physical factors which may be related to the occurrence of frothy bloat in cattle. In his doctoral research he has identified a crystalline compound from neutralized rumen fluid as hexahydrate magnesium ammonium phosphate and has studied the quantitative relationship of this mineral complex to frothy bloat. These studies were conducted under the direction of Dr. C. H. Huffman, whose outstanding

scientific achievements include important contributions to knowledge of the value of cottonseed meal.

Academic and military accomplishments of Phelps have demonstrated his natural leadership and his ability to work closely with others. As a lieutenant in the Korean Campaign, he was made Operations Officer for the Port of Inchon, a post usually assigned to an officer of the rank of major or higher. His first promotion in rank resulted from a strong letter of commendation from another service group with which his duties were associated. He served as an officer in various high school and college clubs and societies; was elected to the scholastic honorary society, Sigma Xi; served as sports editor for school paper; participated in intramural sports; and is an active member of the American Dairy Science Association.

In his new work, Phelps will be closely associated with research workers in colleges and government research agencies, cotton oil mills, feed manufacturers, extension and teaching workers, and livestock and poultry organizations. The Association staff hopes that its members will enjoy working with Phelps and that they will call on him freely when his services may be helpful.

On Milk or Margarine

Discrimination Wrong, Writer Points Out

It's wrong for one state to discriminate against the products of another, whether it's milk or margarine. This was the theme of a recent letter to the Minneapolis Morning Tribune. Marlin Hubmer, Mankato, Minn., wrote to the newspaper:

"Sometime ago I heard Governor Freeman and Attorney General Miles Lord comment on the radio about a milk ordinance in Louisiana discriminating against marketing Minnesota dairy products in the state.

"I have traveled for the past three weeks and have asked people from the South about this.

"They said they knew Minnesota was blaming the South for passing laws against Minnesota products.

"The Southerners said there was more to the story. Minnesota passed a law some 30 years ago discriminating against margarine which contained cottonseed oil. It was taxed and could not be colored. This law is still in effect.

"Some of these Southerners have been in Minnesota and noted that this state has become a top producer of soybeans. Margarine now contains about 80 percent soybean oil. A man from the South asked me how long the Minnesota farmers were going to stand for this discrimination in their own state.

"Does the governor think we are treating the Southern people right? And what about our Minnesota soybean producers?"

Cotton Estimate September 1

An increase of 522,000 bales over the Aug. 1 estimate brought the USDA cotton crop estimate on Sept. 1 to 12,105,000 bales. This compared with 10,964,000 last season and the 1947-56 average of 14,136,000 bales. A record high yield of 486 pounds of lint per acre is indicated, against 388 pounds last season and 317, the 10-year average. The crop indicates production of 5,008,000 tons of cottonseed; the 1957 production was 4,609,000 tons. Details by states follow:

State	1958 acres ¹		Lint yield per harvested acre		Production ²		
	Abandoned after July 1	For harvest	1947-56 average	1957	1958 indic.	1947-56 average	1957
North Carolina	Percent	1,000 acres	Pounds	Pounds	1,000 bales	1,000 bales	1,000 bales
South Carolina	1.8	270	324	321	382	441	231
Georgia	2.2	355	306	329	379	628	344
Tennessee	2.0	398	276	333	386	681	396
Alabama	2.4	410	383	427	527	583	415
Mississippi	1.1	544	307	346	388	884	530
Missouri	3.4	1,145	389	388	503	1,759	1,081
Arkansas	2.6	300	400	281	520	399	179
Louisiana	1.9	1,030	374	416	527	1,458	981
Oklahoma	3.4	375	389	380	525	639	348
Texas	5.0	420	175	234	309	374	263
New Mexico	4.8	5,380	222	295	375	3,937	3,632
Arizona	3.3	178	573	619	769	236	285
California	2.0	384	777	1,037	1,094	687	763
Other States ³	5.5	733	714	1,035	1,097	1,348	1,537
United States	3.6	11,960	317	388	486	14,136	10,964
Amer.-Egypt. ⁴	4.0	75.4	426	485	534	41.6	81.9
							83.9

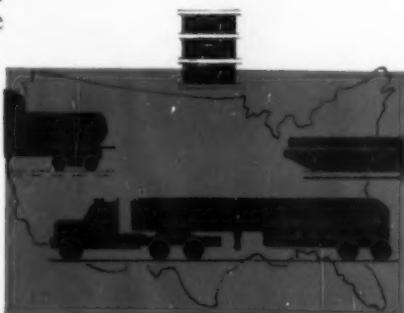
¹ Preliminary. ² Production ginned and to be ginned. A 500-lb. bale contains about 480 net pounds of lint. ³ Virginia, Florida, Illinois, Kentucky, and Nevada. ⁴ Included in State and U.S. totals. Grown in Texas, New Mexico, Arizona, and California.

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**from our
Washington
Bureau**
by FRED BAILEY
WASHINGTON REPRESENTATIVE

The Cotton Gin and Oil Mill Press



• **New Cotton Program** — Don't count on the new cotton program for 1961 and later years ever becoming law of the land or that if it does it will continue for long.

1959 is set. Nothing will prevent the law passed by Congress from going into effect then, as scheduled. Nor is it very likely that anything will upset plans calling for almost the same program (except for price support levels) again in 1960.

But 1961 and afterwards isn't so certain. If there's drastic, across-the-board farm program revision in the meantime, the cotton program now scheduled for 1961 may be out the window.

There's lots of pressure for chucking the present types of farm programs—economic pressure, not just political. It seems to reflect a consensus that present programs are outmoded, were built for an era of American agriculture that's now become history.

• **Here's What's Happening** — The technological revolution in agriculture now has a full head of steam and there's

no prospect of stopping it. That's as apparent in cotton as anywhere. Until six or seven years ago, gains in yield per acre had been far short of startling. 1951 and 1952 yields, for example, were but 60 pounds per acre above the average of 1930-39. And 1930-39 was but 20 pounds per acre above the average of 1910-19. In contrast, the prospective yield for the current season is a whopping 215 pounds above 1951 . . . 300 pounds above 1910-19. Assuming this trend continues, bigger and bigger production is ahead.

Total cotton demand, while encouraging, has slim chance of keeping pace with the rapid clip of production increases.

These two things—bigger production and somewhat smaller demand—add up to excess supply. Right or wrong, that's the way officials here view it. And it's the crux of the whole farm program dilemma.

The point is that, one way or another, Washington will pull all stops to hold production in check. Up to now it's only half-tried. Acreage allotments have been imposed, but Congress has set minimum levels far in excess of what would have been needed to meet demand. As a result, surpluses have mounted—they've been cut back from time to time, but only temporarily.

• **Future of Allotments** — Officially, as well as unofficially, Washington is turning cool on allotments as a means of holding production in line. The reasoning is that, (1) Congress probably wouldn't agree to impose the size of allotments that would be needed, (2) so long as price levels were kept high, demand would wither away and smaller and smaller allotments would be dictated, and (3) at low prices and small allotments few growers could survive the price-cost squeeze.

A real fear among some Washington officials is

that the end result of allotments could be a system of "land parcelization" as is common in many parts of Europe . . . each farmer operating such a small tract of land that he could not afford modern equipment or realize more than a subsistence income. Any government program to raise price, as we've noted, might only serve to decrease demand and necessitate smaller "parcels."

Secretary Benson plans to meet with his Advisory Commissions later this year in "brainstorming sessions" aimed at developing possible alternatives to allotments for production control purposes. It's expected that recommendations to Congress will follow, probably as a part of the President's Farm Message next January.

These recommendations may not be offered with specific reference to cotton. More likely, they'll deal with wheat. It's in much the same situation as cotton, except more so.

Any new program for wheat—if it provides a possibility for curbing production without stiff allotments—would be almost certain to be eventually considered for a wide range of other commodities, however—including cotton.

• **USDA Seeks Price Drop** — Straws-in-the-wind plus our private talks with officials indicate, however, that USDA is firmly convinced that the only answer lies in flexing prices downward . . . and downward again until production is brought in line. Coupled with this would be the gradual abandonment of acreage control.

High-up officials reason that with prices low enough, millions of now marginal acres would be forced out of production. Most of them are in the East. So would thousands of growers, but officials (off-the-record) regard that as inevitable anyhow.

The idea is to tie price supports to the level of the surplus. The larger the surplus the lower the price support. There'd undoubtedly have to be some rock-bottom on supports (to satisfy Congress if for no other reason) but it would be a far cry from supports above 30 cents, as now. Were USDA to have its "druthers," average - of - the - crop might be supported at near 23 or 24 cents per pound.

Eventual outcome of such a plan, it's figured, would be only a small number of growers, each with large acreage, and each making a profit from volume rather than price. Total production would be held in check, since price would be low enough to make it uneconomical to bring marginal land into production. Even in the West, it is assumed, few growers would be able to afford to supply additional water (at a steadily increasing cost per unit-volume of water) for additional acres (acres less productive than those already in cultivation).

Over the long pull, such a plan would tend to increase consumption of cotton by discouraging investment in production facilities for synthetic fibers. That would tend to increase cotton prices and/or demand, either of which would mean higher income for the industry.

But a final note of caution: This is but one plan under consideration and may never be proposed, much less made law. Our purpose in mentioning it at this time is to keep you posted of official thinking, so that you won't be caught off-guard when there is new legislation—as well as new interpretation of present legislation.

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Watershed Congress to Hear Talk by Senator Hruska

U.S. Senator Roman L. Hruska of Nebraska will be the keynote speaker at the annual banquet of the National Watershed Congress in Dallas, Sept. 29. Senator Hruska, a member of the Senate Committee on Public Works, will speak on the national program made possible by the enactment of the watershed protection and flood prevention Act of 1954. Scheduled this year in the Statler-Hilton Hotel in Dallas, Sept. 29-Oct. 1, the meeting will feature reports by seven special study committees of nationally known natural resources authorities on major aspects of the national watershed development program. These re-

ports will cover national land and water policy; the programs, practices; and policies of water and soil agencies; land treatment as a means of watershed conservation; cities and watersheds; clean water; the benefits of watershed development; and the nationwide small watershed protection and flood prevention program.

Sponsored by more than 20 of the nation's leading agricultural, business, industry, civic and recreation organizations, the National Watershed Congress is dedicated to improving public understanding of land treatment and water retention in upstream areas as a means of controlling soil erosion and stabilizing water supplies. The meetings are open to all interested.

North Carolina Drive Aids Cotton Quality

A drive to promote quality cotton is underway in North Carolina. Myres Tilgham, farmer and ginner, heads the campaign, developed by the Cotton Quality Improvement Committee of the North Carolina Cotton Promotion Association.

Posters, news releases, suggestions for newspapers advertising and other material are being distributed.

Improvement committee members include Clyde L. Upchurch, Jr.; S. S. Holt; G. D. Arndt; and W. G. Buie, III.

Soybean Named for Hopkins

The late Arthur G. Hopkins of Sherman, Texas, has been honored by having a soybean variety developed by Texas Research Foundation named for him. Hopkins, former head of Interstate Cotton Oil Co., Mrs. Tucker's Foods and Southland Cotton Oil Co., was one of the original supporters of soybean research at the Foundation.

Hopkins soybeans are recommended for May or June planting and for harvesting with a combine in October. Seed will be available for farmers in 1960, and should yield about 15 bushels per acre under dryland conditions. The Foundation said that the variety will have its major value for soil building in crop rotations.

American Oil Chemists' To Meet in Chicago

An especially comprehensive technical program, featuring symposia on detergents, nutrition, and plant safety, is announced for the annual meeting of the American Oil Chemists' Society to be held at the Hotel Sherman, Chicago, Oct. 20-22.

A. V. Graci, Jr., of Wurster and Sanjour Inc., will serve as program chairman. Co-chairmen of the meeting will be C. W. Hoerr, Armour and Co., and A. A. Rodeghier, Durkee Famous Foods. The former is also exhibits chairman.

Tung Research Laboratories Will Be Re-Located

Utilization research on tung oil will be shifted from Bogalusa, La., to USDA's Southern Utilization Research and Development Division at New Orleans, about Oct. 1, USDA announces.

Facilities and staff members of U.S. Field Laboratory for Tung Production Investigations, at Gainesville, Fla., will be transferred to Bogalusa and consolidated with production research on tung at that location conducted by USDA's Crops Research Division. This shift is expected to be completed early in 1959.

Glidden Plans New Unit

The Glidden Co. has announced that it will build a \$2 million unit at its Jacksonville, Fla., plant to produce synthetic laevo-menthol. This flavoring commodity has been made from imported oils in the past. The Glidden operation is the first synthetic production and will supply about 40 percent of all U.S. requirements.

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Why seed treaters prefer new Du Pont Ceresan® liquids



"We like 'Ceresan' 100 because it colors uniformly, doesn't settle out. It also does away with the corrosion problem and has an agreeable odor. We've used 'Ceresan' products for 13 years with complete farmer satisfaction."

—Jack Reimer, Owner-Mgr.
Reimer Seed Co., Medford, Oklahoma



"'Ceresan' liquids have excellent handling qualities—are more agreeable to use. They give good uniform color, and there's no dusting off when bagging or drilling. Our farmers know 'Ceresan' means effective disease control."

—T. P. Sutton, Owner-Mgr.
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"Treated cottonseed with new 'Ceresan' 100. Found it unusually pleasant to work with. It gives greater economy, better results, and seed is given a strong, uniform coloring. Consumers really accept 'Ceresan', making selling easier."

—P. S. Stovall, Vice-Pres. & Gen'l. Mgr.
Hollandale Seed & Delinting Co., Inc.
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"'Ceresan' 200 works very well in our treater. Irritation and odor are minimized, and there's no corrosion. It gives seed much better color and control of mold in the germinator than other products."

—H. S. Stowe
Lider Gin Corp., Plainview, Texas



"We prefer 'Ceresan' liquid to any of the many seed-treating materials we have tried. Our help prefer it because of its safety and lack of disagreeable odor. It colors seed better and is economical to use."

Vernon Simpson, Mgr. of Seed Dept.
Centralia Farmers Cooperative, Inc.
Selma, Alabama



"We are very well satisfied with the way 'Ceresan' 200 fits our operation and with its handling qualities. The operators report it's easier to work with from the standpoint of no dust, no odor and in loading the equipment."

—W. E. Ashcraft, Mgr.
Ashcraft Gin & Mill Co., Monroe, N. C.

Seed treaters everywhere prefer new Du Pont "Ceresan" liquids because of their superior handling qualities and exceptional control of disease organisms. These new liquids help speed up seed treating, don't settle out . . . and there's no objectionable odor or dust problem. They give you superior economy and longer equipment life because corrosion is held to a minimum.

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• Texans Plan Cotton Allotment Work

PLANS TO GET Texas 1959 acreage allotments into the hands of farmers who want to grow cotton were drafted Sept. 18 at a Dallas meeting. They will be presented to the State ASC Committee meeting on Sept. 25.

Represented at the meeting, held at Texas Cotton Ginner's Association offices, were such groups as the Grange, Farm Bureau, Old Cotton Belt Association, Texas Cotton Association, Texas Cottonseed Crushers' Association, West Texas Chamber of Commerce and others.

Eugene Butler, Dallas, was chairman; Dan Davis, Lubbock, secretary; and C. B. Spencer, Dallas, conducted the discussions.

"Cotton acreage allotments are valuable to everyone except the grower who can't produce cotton profitably," Spencer said, stressing the need for getting these acres transferred to those who want to use them.

Searcy Ferguson, Dallas, ASC Committee chairman for Texas, offered full cooperation of state and local committees and invited cotton farming and industry representatives to present their suggestions for effective action.

The group agreed upon a number of suggestions, including statewide ASC support for releasing unwanted allotments into the hands of farmers who want more cotton acres; ASC distribution of information and personal contacts at the county level; action by farm and industry groups, on a statewide basis and within counties, to encourage distribution of allotments to farms that want them.

Staley's Soybean Plant Will Be Re-opened

The A. E. Staley Manufacturing Co. hopes to have its Painesville, Ohio, soybean processing plant back in production in two or three months.

Rebuilding and repair work began 24 hours after a dust explosion fire hit the plant Sept. 8, causing an estimated half-million dollar damage in the preparation section and adjoining packing, laboratory and office rooms. Basic processing equipment can be restored to service, but extensive electrical, sheet metal and structural work will be required in the preparation section. The office building will be replaced.

The soybean extraction section, warehouse, boiler room and elevators were unharmed.

One employee was critically injured. Two others on duty in the affected area received only minor cuts and burns. Fire-safe walls and a built-in deluge system prevented greater damage.

The plant's 90 employees have been assigned to maintenance, clean-up and safety work during the rebuilding.

The plant processes soybeans for meal and oil. It was acquired by Staley's in 1939 as an eastern point for soybean operations.

Staley's said arrangements are being made to serve the plant's customers by other means during the shutdown period. Temporary offices for the Painesville plant have been set up in the Richmond Valley Inn next door to the plant site. The company's main corn and soybean processing plant is located at Decatur, Ill.

U. S. Farmers Again Set New Record

Proving again that fewer farmers and fewer acres, with improved methods and good weather, can produce more crops, U.S. farmers are setting record highs in production during 1958.

USDA says this is the most productive crop year in American history. The total volume of crops "far exceeds anything yet reached by U.S. agriculture."

USDA's Sept. 1 production index shows 59 crops at 116 percent of the 1947-49 average, with major crops showing much improvement during August. The index of acre yields is far higher than ever before.

Soybeans, the leading oilseed and source of protein meal, should produce 560,776,000 bushels. This compares with 479,841,000 last season. Production of cottonseed and flaxseed also will be well above last season. (See cotton report elsewhere in this issue.) A record wheat crop and high production of feed grains also contribute to the over-all record.

SURDD Scientists Attending International Conference

Techniques devised for cross-sectional study of chemically treated cotton fibers with the electron microscope were described by Miss Mary L. Rollins at the fourth International Conference on Electron Microscopy in Berlin, Germany, Sept. 10-17.

Miss Rollins is head of Microscopy Investigation at the Southern Utilization Research and Development Division

of the Agricultural Research Service, USDA, New Orleans.

Use of the electron microscope for research on the structure of cotton fibers and their behavior under various conditions is a new field, but is already enabling workers to gain information hitherto unavailable. In the paper she presented before the Berlin conference, Miss Rollins described a technique which makes it possible to follow, through the use of this instrument, the progress of changes in the behavior of cotton cellulose as a result of cross linking, substitution, and polymer impregnation. She also plans to visit a number of authorities on the use of the electron microscope to study cellulose and other plant materials, with a view to gaining information which will be valuable in the cotton fiber studies at SURDD.

Dr. Ruby Worner of SURDD, during the course of an extensive European vacation tour, plans to make several visits to meetings and research institutions for the benefit of her work as head of the Textile Testing Group at SURDD. Most important of these was the meeting of the International Standardization Organization TC-38, Textile Committee No. 1, Color Fastness Tests, and No. 2 on Shrinkage of Fabrics in Washington, Sept. 10 to 13.

Both Dr. Worner and Miss Rollins also will attend the Overseas Conference of the British Textile Institute in Gothenburg, Sweden, and Dr. Worner plans to attend a further session of the Conference in Copenhagen, Denmark.

New Fiber Made by Eastman

Kodel, a new "polyester" fiber, will be available in clothing sold at retail next spring. Eastman Kodak Co. makes the material at the Tennessee Eastman Co. Division at Kingsport, Tenn.



Fair Exhibit Features Cottonseed Oil

PRODUCERS Cotton Oil Co. featured the "cotton eatin'" habits of American people in this modernistic exhibit at the California State Fair in Sacramento in September. Focus of the exhibit was a gallon can of oil from which flowed a continuous stream into a wooden mixing bowl. The exhibit was part of a project in the Merchandise Mart, sponsored by the California Farm Bureau Federation and the University of California. Products of the oil mill were demonstrated by charts, pictures, trucks and tank cars which showed the flow of cottonseed to the mill and the uses which result from what was once a useless by-product. Other food oils, such as corn, olive, peanut, rice, safflower, sesame and soybean oils were on display. In other parts of the building were commodities such as fruits and vegetables, edible tree nuts, cereals, poultry, red meats and dairy products. Each group told its story in a separate area with displays. This is the first time such a project has been installed at the State Fair.

In Colorful Publication

Operations of S.A. Camp Described

A COLORFUL PUBLICATION describing the development and operations of the S. A. Camp Companies in the San Joaquin Valley of California is being distributed by that organization. The book is dedicated to the people of the San Joaquin Valley.

The history of the cotton area mentions that Saul Camp and his family moved to the Valley in 1923 from Gaffney, S.C. In 1928, he, Lawson L. Lowe and Harry West formed an organization that named the community of Cawelo and began ginning operations as well as cotton production. After tracing the expansion of this firm, the publication tells that West and Lowe had left to form their own companies by 1947—leaving Saul and James Camp as the major principals in the new S. A. Camp Ginning Co.

Camp operations include farms, growing cotton, potatoes and alfalfa; packing sheds; S. A. Camp Cottonseed Oil Co.; livestock feedyards; Camp and Mebane Cattle Co.; S. A. Camp Fertilizer and Insecticide Co.; Camp-Felder Compress Co.; S. A. Camp Pump Co.; Felder and Camp Cotton Co.; Circle Petroleum Agency; and S. A. Camp Motors.

Saul Camp died in 1957. Present officials of the firm include James Y. Camp, Mrs. S. A. Camp, Donald M.

Hart, M. L. Thomas; and the following department heads, J. H. Cowart, J. L. Gunn, B. R. Howard, R. M. Kaiser, W. M. Lowe, J. J. Murray, C. F. Perry, D. C. Reynolds, H. F. Schuetz, L. R. Stepp and W. S. Switzer.

Bulk Lard Futures Trading Started

A new futures contract for tank cars of lard supplements one of the oldest futures contracts now being traded on the Chicago Board of Trade, Robert C. Liebenow, Exchange president, has stated.

Trading began Sept. 17, for December 1958 and subsequent delivery. This is the first important change that has been made in the lard futures contract since its inception 81 years ago.

"Loose lard," as the trade terms it, will be in the same pit with drummed lard, a commodity first traded for future delivery on the Board of Trade in 1877. The new trading unit will be a tank car of 60,000 pounds with a minimum price fluctuation of one cent per hundred pounds. Trading hours will be 9:15 a.m. to 1:45 p.m. each weekday.

On July 10, the membership of the Chicago Board of Trade, by an overwhelming majority, approved trading in

loose lard futures on that exchange. Directors of the Chicago Board of Trade unanimously approved it, Sept. 2. The initial urge for this loose lard contract came from the shortening processors.

"Our market first gained its supremacy in the grain trade by shifting from sacked grain and measured bushels to bulk handling," Liebenow said. "This new lard contract is an outgrowth of continuing efforts by the Board of Trade to meet the needs of changing times. It should mean a greater volume of business, because a majority of processors prefer bulk handling of lard.

"A principal use of the commodity is in blended shortenings, volume of which can be varied to match available supplies and one which lends itself to bulk shipment and storage, thus enhancing the value of the new contract," he said.

Last year the dollar volume on the Chicago Board of Trade for edible fats and oils topped \$1,700,000,000.

Farm Assets, Debts Up

Assets of U.S. farmers climbed to a peak of \$186,700,000,000 during the past 12 months, the Federal Reserve System estimates. This was a 5.7 percent increase during the year.

Debts also reached a record high of \$20,200,000,000 at the end of 1957, an increase of \$200 million during the year. Practically all of the rise was in mortgages.

The continued upward trend in real estate accounted for \$7 billion increase in agriculture's assets, and livestock values rose another \$3 billion.



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He Raised
\$1,200,000 . . .

HARRY HODGSON

RAISING \$1,200,000 is more than most men can do in a lifetime. But that's only one of many things accomplished by Harry Hodgson of Athens, Ga., in his colorful career.

A lifelong champion of education, Hodgson lives near the school for which he has done so much—the University of Georgia. To readers of The Press, however, Harry is better known as one of the founders of the National Cottonseed Products Association and a Georgia crushing leader for half a century.

* **Member of Pioneer Family** — Harry's story begins more than 84 years ago, when he was born into pioneer Georgia family on March 6, 1874.

Grandfather Edward Hodgson and his two brothers, William and Robert, were



J. E. MOSES, left, retired secretary of the Cottonseed Crushers' Association of Georgia, discusses with Harry Hodgson the loving cup which that Association presented to Hodgson in 1937 in recognition of his leadership. Moses and E. T. Hollowell, NCPA field representative who took the picture, are co-authors of this article.

By E. T. HOLLOWELL and J. E. MOSES

in the carriage business at Retford, England. In 1837, they moved to Athens and started Hodgson Brothers Carriage Co., building fine carriages for Georgians.

Edward Hodgson, Jr., (Harry's father), entered the farm supply business. In 1891, he formed the Hodgson Cotton Co., building a cotton warehouse near the railroad in Athens. Brick for this building was made from clay which he

obtained on an acre of land bought for that purpose.

Harry Hodgson entered business as a junior member of this cotton firm. In 1904, the Hodgsons formed Empire Chemical Co. and built a large fertilizer plant. This firm continued to operate until about three years ago, when it was sold to F. S. Royster Fertilizer Co.

The Hodgson family needed cottonseed meal to use in their fertilizers. That

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GREEN LEAF EXTRACTOR.**



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caused them to buy cotton oil mills—at Farmington, Crawford and Athens, all in Georgia, in 1907, 1908 and 1911.

• **Helped Form NCPA** — Harry Hodgson became very active in state and national programs of the cottonseed crushing business, and was drafted by the industry for many positions of leadership.

He has the unique distinction of having been the last president of Interstate Cotton Seed Crushers' Association, in 1929-30; and of having helped to organize the National Cottonseed Products Association, which replaced it. He served as NCPA president from July 8, 1929, until the spring of 1930.

Hodgson worked closely with the late Christie Benet, W. A. Sherman and other industry leaders in founding NCPA, the present national organization for the cotton oil industry.

Georgia crushers also called upon him frequently for service. He headed the state organization during the trying depression period of 1932-33, and again in 1945-46. His associates within the state paid tribute to Hodgson many times, but perhaps he cherishes most among his mementos the loving cup presented to him at the annual convention at Savannah Beach, in 1937. The inscription on this reads:

"Presented by the Cottonseed Crushers' Association of Georgia to Harry Hodgson in appreciation of his faithfulness throughout a long and distinguished career with the cotton oil industry."

Hodgson also is an honorary member of National Cottonseed Products Association and of the industry's Old Guard.

• **Worked for University** — His alma mater, the University of Georgia, owes much to the man who was born within its shadows almost 85 years ago.

A member of Phi Beta Kappa, the scholastic fraternity, Harry graduated from the University in 1893. His active interest in the school and contributions to its progress resulted in his election as a member of the board of trustees in 1911. He served on this board for 20 years.

The University asked Hodgson to serve as chairman of the campaign for the University War Memorial Fund—a drive which raised \$1,200,000, from 1920 to 1922.

In appreciation, an honorary doctor's degree was conferred upon Hodgson in 1922 by the Georgia school.

During his membership on a three-man land purchasing committee of the school's board of trustees, Hodgson assisted with the purchase of much of the land now owned by the University of Georgia.

Among his other activities in this field was serving, in 1908-11, as a member of the executive committee for the Conference for Education in the South.

• **His Family** — Now retired, but still actively interested in education and the progress of the oil mill industry, Harry Hodgson lives in Athens with most of the members of his family nearby.

He and his wife, who died a number of years ago, had five children. Robert is deceased. The others are: Harry, Jr., and Edward R., III, twins, who live in Athens. A daughter, Mrs. Fred Robins, also lives in Athens; and the other daughter, Mrs. Morgan McNeil, lives at Marietta, Ga.

Georgia Mill Has Fire

The Pelham (Ga.) Oil and Fertilizer Co. sustained a 25-hour fire, Sept. 6, and four firemen were overcome by smoke while fighting the blaze, which started in a conveyor tunnel under about 2,000 tons of cottonseed.

C. W. Hand, president of the firm, stated that he could not estimate the total damage to the cottonseed and the conveyor system until later.

Hand said the fire was probably caused by a malfunction of the conveyor gears. He said the smoke and fumes had become so intense that the Albany, Ga. fire department was called in by the Pelham Fire Chief.

Four fire-fighters wearing masks

were overcome upon entering the structure through a hole cut through the side of the building, Hand said.

Ginning will continue uninterrupted, Hand said, since the gin itself was not affected.

Much damage to the cottonseed was caused by water, which stood several inches deep in places, he said.

Firm Cleared of Charges

HumKo Co., Memphis, has been cleared of union charges that it failed to bargain in good faith during a strike that began in July, 1957. S. L. Kopald, Jr., executive vice-president, commented that the firm was gratified at the National Labor Relations Board Ruling.



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COTTON FARMERS PLANT . . .

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For the finest seed in the Southwest . . .

FERRIS WATSON SEED CO.

GARLAND (DALLAS COUNTY), TEXAS

American Mineral Spirits Co. Promotes Thomas Barker

Thomas Barker has been appointed Assistant Midwest Sales Manager of American Mineral Spirits Co., according to an announcement by Karl Giloth, vice-president.

Barker was formerly manager of Special Products Sales and became assistant Midwest Sales Manager for Amsco's complete line of petroleum solvents, technical naphthas and waxes. The Midwest territory extends from Western Pennsylvania to the Rocky Mountains and from Western Canada to the Mexican Border. He will maintain headquarters in Amsco's Chicago office.

Barker has been Manager of Amsco Special Products Sales since the middle of 1956. Prior to that he was located in Jackson, Miss., as manager of the Mid-south Division. He is a native of Kentucky and a graduate of the University of Miami, and has done graduate work at Northwestern University. He is a member of the American Oil Chemists' Society, American Chemical Society and other technical and trade associations.

During World War II, Barker served with distinction, completing 20 missions as a navigator with the U.S. Air Force in the European Theatre.

Mr. and Mrs. Barker and their daughter reside in Glen Ellyn, a Chicago suburb.

■ CHARLES T. TAYLOR & CO., brokers and dealers, announce a new address, 972 South Goodrich Boulevard, Los Angeles 22. Their new telephone number is RAYmond 3-0181.



J. G. Boswell Advertising Cotton

J. G. BOSWELL CO., a leading California cotton firm, is advertising cotton with signs such as the one pictured. The billboards are placed at strategic points on U.S. Highway 99, the through highway between Los Angeles and Seattle, throughout the San Joaquin Valley. The cotton advertising was scheduled for 12 months between the summers of 1957 and 1958, according to Herbert M. Baus, Baus and Ross Co., the advertising and public relations firm which handled the signboards for J. G. Boswell Co.

Canadian Flaxseed Output Expected To Increase

Canada's 1958 flaxseed crop is estimated at 21,950,000 bushels, according to the first official forecast, USDA announces. This would be about 10 percent above last year's crop, but a de-

cline of 36 percent from the record 34,500,000 bushels produced in 1956.

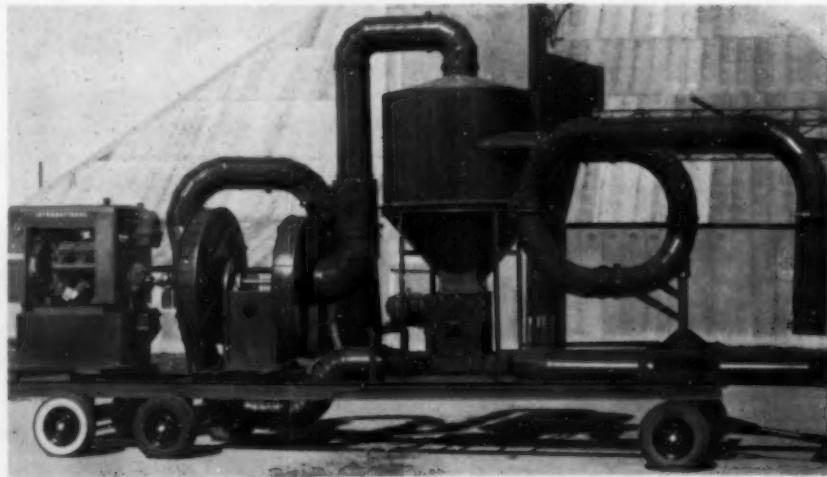
On the basis of estimated plantings, yields would average over 8.2 bushels per acre, compared with yields of 5.7 bushels in 1957 and 11.3 bushels in 1956. The estimated 1958 plantings of 2,665,000 acres are only three-fourths of the 1957 acreage.

PORTABLE GRAIN UNLOADER WITH THE SWIVELSCOPE FOR BOX CARS

To speed up box car unloading, we present our high pressure unloader with a new type pipe arrangement. One man can enter the car, and unload to full capacity . . . up to 50 tons per hour.

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Write, Wire or Phone, Today!

• Dallas YWCA Plans Cotton Tour

IT'S COTTON PICKING time in Texas and a group of Dallas women will be given an opportunity Sept. 23 to find out about cotton from the field to the factory.

Planned by the Dallas YWCA as a part of its "Know Your City Tours," the cotton tour is the first of a series to be conducted monthly throughout the year.

Traveling by chartered bus, the women will visit a cotton field where they will see cotton being gathered and they will be given an opportunity to do some actual picking if they wish. From the field they will go to the Farmers and Merchants Compress to see beginning operations and learn about compressing methods.

Also scheduled is a visit to the Cotton Exchange where they will learn why a seat on the Dallas Cotton Exchange costs \$15,000. There they will see testing of fibers and get a look at the exchange board. Karl Hunt, executive secretary of the exchange, will lecture to the group and present a coordinated picture of the cotton industry.

At noon the group will have luncheon in the tearoom of Titche-Goettinger Dept. Store, where Mrs. Connie Baughman, style coordinator for the store, will present a fashion show of high-style transition cottons.

The tour will end with a visit to the Justin-McCarty firm. Mrs. Gertrude Reed, vice-president of the firm, will show the women the processes of designing, cutting, and sewing of cotton fashions.

Because of the time element the group will not be able to visit an actual gin but enroute from point to point the tour coordinator, Mrs. Harry Marlow, will give a history of the cotton industry with pertinent facts, and information. She will also touch briefly on cotton as an influence in American literature and folk lore. If time permits a film on cotton will also be shown.

The most versatile of all natural fibers, cotton plays a paramount role in the economy of Dallas and all Texas. Many people, especially newcomers from northern states, do not realize how important the industry is to Dallas fashion houses as well as to many industries using cotton in the manufacture of other products. The YWCA Cotton Tour will endeavor to acquaint as many people as possible with cotton's importance and its colorful history.

Export Duties Abolished On Oils, Oilseeds

India has abolished export duties on all oilseeds and vegetable oils in order to promote exports. Export duties on certain oilseeds and vegetable oils had been removed by government action on June 30 and July 9, USDA says.

Hull Fiber Developer Dies

W. C. Johnson, 88, died Sept. 14 at Memphis. At 22, he was one of the organizers of Tennessee Fiber Co. and was credited with developing chemicals purification of hull fiber for use in smokeless powder in World War I. He was active in Tennessee business and civic programs.

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The PRESS Box

• Watch Those Bale Weights

THE IMPORTANCE of avoiding underweight and overweight bales is stressed in a recent newsletter from Edward H. Bush, Texas Cotton Ginner's Association executive vice-president.

Bales weighing less than 350 pounds or over 650 pounds are not eligible for federal loans, Herschel McRay of the National Cotton Council points out. And, merchants' organizations have penalty rates for oversized bales.

"Ask farmers to help you make bales

of the right size," Bush suggests. "Encourage them to put only enough cotton on the trailer to allow you to split the load into bales weighing 450 to 600 pounds."

• Yankee Gets Around

FIVE THOUSAND COPIES of a staff article from the Sept. 6 issue of The Cotton Gin and Oil Mill Press are being distributed by the National Cotton Council. Helen Troy, editorial assistant, is author of the article, "Even a Yankee

Girl Understands Cotton." The article tells about the color movie, "Cotton—Nature's Wonder Fiber," and recommends that ginners, crushers and others in the cotton industry arrange for their communities to see the movie. National Cotton Council, Memphis, has loan films available for showing in the U.S. Cotton Council International distributes it abroad.

• Plow-up for Pinks

PINK BOLLWORM control authorities have set plow-up deadlines for Arizona counties that are fighting a new outbreak of this major cotton pest. Western Maricopa County must have all cotton at least four inches under ground by Jan. 20. Feb. 15 is the deadline for Pima, Santa Cruz, Cochise, Graham and Greenlee Counties.

• Is 50-50 Enough?

ONLY HALF of a group of farmers surveyed recently on the West Texas High Plains said they would increase cotton acreage next year under the new cotton legislation. An indication that only half the farmers will increase plantings in an area highly suited for cotton makes one wonder how much increase there will be in the Southeast, Mississippi Valley, East Texas and Oklahoma.

The poll suggests, again, the need for lots of educational work by ginners, crushers and others to get more cotton acres on farms that can grow cotton profitably.

• Congressmen Get Article

OKLAHOMA members of the U.S. Senate and House of Representatives will read an article, "The Cotton Belt We Gave Away," from the Aug. 23 issue of The Cotton Gin and Oil Mill Press. Calling the article, "one of the best ever written on the plight of America's cotton industry," Mrs. M. Rascoe, secretary-treasurer, Oklahoma State Cotton Exchange, has obtained copies to send to the Oklahoma Congressional delegation.

• Destroy Stalks Early

DESTROY COTTON STALKS, entomologists are advising farmers. Each fall, they stress that prompt plowing under of cotton stalks after harvest is the No. 1 step in reducing pink bollworm damage in most areas. The practice also aids in curtailing boll weevil survival and improves soil condition.

• Cotton Men in USSR

COTTON TECHNICIANS are in Russia under the USDA exchange program for agricultural workers. U.S. representatives on the tour are Leonard J. Mobley, National Cotton Council; William J. Martin, South Carolina Extension Service; and C. H. Barber, V. L. Stedronskey, E. J. Overby and B. M. Waddle, all of USDA.

• Mellorine To Set Record

MELLORINE PRODUCTION in 1958 seems headed for a record high of 36 million gallons. USDA says this output of the vegetable oil frozen dessert would be 14 percent larger than last year. Indicated ice cream production is 650 million gallons for 1958.

*If you don't see
what you're looking for . . .*

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WAREHOUSE



Wood's stocks a wide range of matched V-drive sheaves and belts of all types and sizes for fast delivery. For sheaves of special design or materials (such as ductile iron), we not only will manufacture to your specifications but, because of extensive pattern stocks and modern foundry facilities, may fill your needs at lower cost. For further information and your copy of Bulletins No. 599 (sheaves) and 3100 (belts), contact your Wood's distributor or write:



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Elected by Plains Ginners' Association

OFFICERS AND DIRECTORS elected by Plains Ginners' Association at their recent annual meeting in Lubbock, reported Sept 6 in *The Press*, are shown here. Officers, left to right in the front row, are Dixon White, secretary-treasurer; Earl Hobbs, president; and Orville Bailey, vice-president, all re-elected. Directors, in the back row, are: Jack Howell, E. B. Eeds, Weldon Martin, Bill Thompson, Les Wienke, Guy Nickels, Drew Watkins, Bill Smith and Roy Forkner.

Newsletter for Cotton Wives

Fresno, Calif., Cotton Wives' Auxiliary has started publishing a newsletter, *Cotton Recap*. Edited by Mrs. Paul E.

Ellis, assisted by Mrs. Thomas R. Sherman, the newsletter will be issued one week before each meeting from September through June. Mrs. Stanley Griggs is president of the organization.

NCPA Directors Plan Meeting in Memphis

Directors of National Cottonseed Products Association are meeting Sept. 23 in Memphis. James Hicky, Forrest City, Ark., president, will preside over the discussions of current activities and future plans.

Directors are Jack W. Kidd, Birmingham; Reg Robinson, Los Angeles; Joe Brady, Helena, Ark.; Fred Stadelman, Los Angeles; E. G. McKenzie, Jr., Macon, Ga.; J. B. Snell, Minden, La.; J. B. Perry, Jr., Grenada, Miss.; A. K. Shaifer, Clarksdale, Miss.; W. T. Melvin, Rocky Mount, N.C.; A. L. Durand, Hobart, Okla.; E. H. Lawton, Hartsville, S.C.; T. C. Lee, Memphis; Roy Davis, Lubbock, Texas; Joe Flraig, Dallas; A. J. Mills, Stamford, Texas; S. J. Vaughan, Jr., Hillsboro, Texas; Ben R. Barbee, Abilene, Texas; W. H. Knapp, Cincinnati; F. L. Morgan, New Orleans; C. T. Prindeville, Chicago; and Dupuy Bate- man, Jr., immediate past president, Houston.

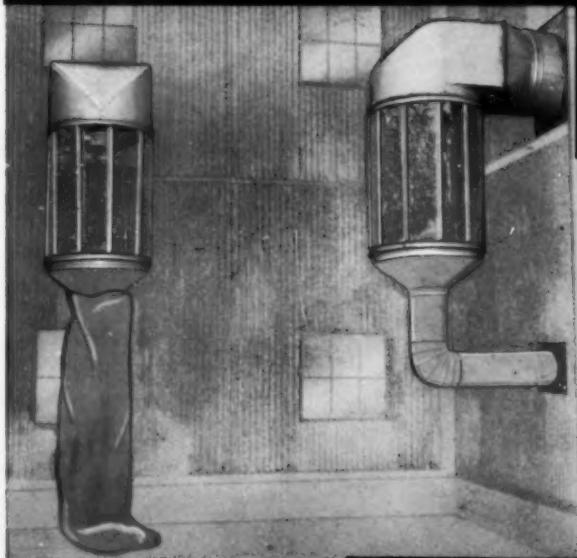
John F. Fuller Dies

John F. (Deacon) Fuller, 58, a retired Shafter, Calif., developer and former owner of the Fuller Ginning Co., died Sept. 6, in a Bakersfield hospital, following a lingering illness.

A native of Greenwood, Miss., Fuller had lived in Shafter for the past 24 years. He is survived by his widow, Alma; a daughter, Susette, two sons, John H., Jr., and Bert P., all of Shafter, a brother Evans O. of Bakersfield, and two grandchildren.

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Classified Advertising

Older gin complete with 22 shelf drier, burr mill, cleaner unit, 12' x 12' 80,000 lbs., suspension bearing pipe lever hopper scale. Oil refining equipment, oil screening tank, Vogt oil chiller, 42", 36", and 30" filter presses. York ammonia compressors, Carter gyrator screen, scale tanks, complete with Toledo scales, Richardson scales, meal coolers, Roots-Connerville and Hoffmann blowers, bucket elevator legs, pumps, and motors. Contact Lee Atherton of Archer-Daniels-Midland Co., Minneapolis, Minnesota.

FOR SALE—Filter presses, screening tanks, single and twin motor Anderson Super Duo expellers, 141-saw linters, baling presses, car unloader, Bauer #199 seed cleaners, Bauer #153 and 403 separating units, bar and disc hullers, 72" and 85" stack cookers, 72" 4-hi stack cookers for French expellers with enclosed drive, 42" and 60" rolls, boilers, hydraulic press room equipment—V. A. Lessor & Co., P. O. Box 108, Fort Worth, Texas.

OIL MILL EQUIPMENT FOR SALE—Rebuilt twin motor Anderson high speed expellers, French screw presses, stack cookers, meal coolers, fourteen inch conditioners, filter presses, oil screening tanks, complete modern prepressing or single press expeller mills.—Pitcock & Associates, Glen Riddle, Pennsylvania.

FOR SALE—French vegetable oil earth extraction unit, 20 ton capacity complete with still, filter presses, pumps, heat exchangers, condensers, evaporators, tanks, motors, and electrical starting equipment. Purchased new and installed in 1949. Good condition. Contact Lee Atherton, Archer-Daniels-Midland Co., Minneapolis 2, Minn.

INSPECTIONS and appraisal. Dismantle and installation.—Oscar V. Shultz, Industrial Engineering, Phone BUTler 9-2172, P. O. Box 357, Grapevine, Texas.

FOR SALE—2 French 4-cage screw presses 9" extensions, 75 h.p. motors. French screening tank. Filter presses. French 72" cooker French Drive, 72" cooker Hypoid Drive. D-K 5-high 90" all-steel cooker. Carver 141-saw linters. Bauer 199 seed cleaner. Bauer 198 hull beater. Butters 141-saw machines. Carver 48" bar huller. 36" attrition mills. No. 8 cake breaker. 2 single-box, uppacking, all-steel linter presses. Electric motors, starting boxes and switches. Steel sand and ball reel.—Sproles & Cook Machinery Co., Inc., 159 Howell St., Dallas, Texas. Telephone RL-7-5958.

Gin Equipment for Sale

FOR SALE—First class 4-80 modern plant — to appreciate this real bargain come see it in operation now.—Calvin North, Mgr., Benavides Mill & Gin Company, Benavides, Texas.

FOR SALE—One Moss Cleanmaster lint cleaner. Good condition.—H. R. Wood & Son, phone: 2121, Grady, Arkansas.

FOR SALE—Complete Gullett gin system, four stands, good condition. Where-is, as-is basis. Write or call Jim Herrington, P. O. Box 1011, Jennings, Louisiana.

FOR SALE—5 Continental and 4 Murray lint cleaners. Good condition. Bargain. Suitable for 80 or 90 saw gins. Write Lint Cleaners, P. O. Box 342, Leland, Mississippi.

FOR SALE

50-Ton 60' Howe Motor Truck Scale, Recording Beam, Reconditioned; 30-Ton 40' Toledo Dial Motor Truck Scale, Reconditioned; \$1000 saving on either. Also several Railroad Track Scales of 100-Ton capacities.

L. L. Perry Scale & Repair Co.
8316 LaPorte Road
Houston, Texas

Older gin complete with 22 shelf drier, burr mill, cleaner unit, 12' x 12' 80,000 lbs., suspension bearing pipe lever hopper scale. Oil refining equipment, oil screening tank, Vogt oil chiller, 42", 36", and 30" filter presses. York ammonia compressors, Carter gyrator screen, scale tanks, complete with Toledo scales, Richardson scales, meal coolers, Roots-Connerville and Hoffmann blowers, bucket elevator legs, pumps, and motors. Contact Lee Atherton of Archer-Daniels-Midland Co., Minneapolis, Minnesota.

RATES AND CLOSING DATES: Ten cents per word per insertion. Include your firm name and address in making word count. Minimum charge \$2.00. Copy must be in our hands by Thursday morning of week of issue. Please write plainly.

Oil Mill Equipment for Sale

FOR SALE—New V. D. Anderson Expeller parts. New Fairbanks-Morse 18' x 12', 80,000 lbs., suspension bearing pipe lever hopper scale. Oil refining equipment, oil screening tank, Vogt oil chiller, 42", 36", and 30" filter presses. York ammonia compressors, Carter gyrator screen, scale tanks, complete with Toledo scales, Richardson scales, meal coolers, Roots-Connerville and Hoffmann blowers, bucket elevator legs, pumps, and motors. Contact Lee Atherton of Archer-Daniels-Midland Co., Minneapolis, Minnesota.

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SPECIAL BARGAINS—5-80 saw F-3 brush gins, excellent condition. 4-80 saw late model Murray glass front gins. Steel burr machines: 1-1/4" Model 500 Continental, damaged some by fire, \$800.00. One right hand and one left hand 14" steel Hardwick-Etters. 1-1/4" Murray, 14" and 10" Lummus. Steel cleaners: 4-cylinder Continental incline, 5- and 7-cylinder Hardwick-Etters, 6- and 12-cylinder St. 5-cylinder Mitchell and Murray air line. Continental and Murray air cleaners: 52" Stacy separator. Mitchell convertible and super units in 60" and 66" lengths. Stacy and Lummus conveyor distributor. Lummus and Continental press prong 121/2" and 16", 9" screw elevators. New Government type tower driers. Stacy, Murray and Hardwick-Etter heaters. New and used farm bolting, conveyor trough and a general line of transmission equipment. Electric and gas power units. For your largest, oldest and most reliable source of used and reconditioned gin machinery, contact us. Call us regarding any machinery or complete gin plants which you have for sale or trade.—R. B. Strickland & Co., 13-A Hackberry St., Phone Day or Night, PL-2-8141, Waco, Texas.

FOR SALE: GIN STANDS: 4-80 saw F-3 Continental, 4-80 saw late model Murray, 4-80 saw double motion automatic Lummus. CLEANERS: 1-50" 7-cylinder Hardwick-Etter, 1-50" 5-cylinder Hardwick-Etter, 1 6-cylinder continental air line, 2-10" 6-cylinder Continental, 1 6-cylinder Mitchell Jumbo. CONDENSERS: 1 Continental, 72" square up-drift. FEEDERS: 4-60" Super Mitchells with hardened saws and steel brushes. 5-67" Continental Master Double X, 4-66" large Hardwick-Etter with 4-cylinder after cleaners. DRYERS: 1 Continental 2-trough, one Murray Big Reel. Most of the above machinery has been thoroughly reconditioned and painted.—Kimball Used Gin Machinery Company, Box 456, phone 3372 or 3351, Earth, Texas.

TWO MODERN gins for sale, machinery only, to be moved, both equipped with drier and lint cleaners, priced very reasonably. Also several extra pieces of modern machinery such as dropers, condensers, packers. Contact Jim Hall, P. O. Box 751, Phone Riverside 1-1393, Dallas, Texas.

Equipment Wanted

WANTED TO BUY—Truck scales 20', or longer, any make.—Texas Waste Materials, Box 5267, Corpus Christi, Texas.

WANTED—Multiple head 106 saw gumming machine.—Goode Milling Co., Mangum, Okla.

WANTED—Continental 2-trough drier in good condition.—Hughes Gin Co., Leighton, Alabama.

Power Units and Miscellaneous

FOR THE LARGEST STOCK of good, clean used gas or diesel engines in Texas, always see Stewart & Stevenson Services first. Contact your nearest branch.

FOR SALE—(1) 150 HP New GE Slipping Motor, 3/60/440/720 RPM, Type M, Ball Bearing, Open Driproof, \$3,875.00 Net. (2) 200 HP New Master, Slipping Motor, 3/60/440/900 RPM, Ball Bearing, Open Driproof, \$5,130.00.—W. M. SMITH ELECTRIC CO., 3200 Grand Ave., Dallas, Texas.

FOR SALE—New Century 1800 RPM, 3-phase electric motors: one 5 h.p., \$90; two 3 h.p., \$80; one 1 h.p., \$40; one 5 h.p., used, \$50; one 3 h.p., \$50 RPM, \$25. Many various single and 2-phase motors 1 to 10 h.p. Let us help you with your motor problems. We buy, sell, rent and repair all models, makes and types of jacks.—Southwestern Jack Service, 3309 Commerce Street, Phone: RI 8-2844, Dallas, Texas.

FOR SALE—One Le Roi L3000-RXISV 12-cylinder 300-350 h.p. Cotton gin equipped, guaranteed in operating condition. Priced low to move. One General Motors diesel twin—6-cylinder, cotton gin equipped, guaranteed in operating condition—300 h.p. @ 1800 RPM. Priced low to move. One Minneapolis-Moline Twin 6 Model 1210-12A, cotton gin equipped, guaranteed in operating condition—200 h.p. Priced low to move.—W. M. Smith Electric Company, HAMILTON 8-4606, 3200 Grand Avenue, Dallas Texas.

SEE US for good used re-built engines, MM parts, belt lace, and Seal-Skin belt dressing.—Fort Worth Machinery Company, (Rear) 913 East Berry Street, Fort Worth, Texas.

Non-Toxic Dusts Dry Up Insects

Non-toxic dusts that dry insects to death have been developed by University of California scientists, at Los Angeles.

Certain fine dusts absorb the wax coating insects need to protect body moisture. Many bugs die faster by this method than when poisoned with common insecticides.

Termites, cockroaches, house flies, mosquitoes, vinegar flies, ants, fleas, bed bugs, mites, ticks and bees (in walls or attics) all succumb to appropriate dust treatments.

Outstandingly lethal are fuller's earth clays, diatomaceous earths, silica gels, aerogels and precipitates. Silica products are the most powerful killers.

For home owners, pest control men and hotel operators these new treatments hold promise of cheaper, longer lasting ways to rid premises of insects.

The UCLA discovery that removal or disruption of insects' protective wax layer is possible by dust absorption "has greatly broadened the scope of insect control by making possible the use of inert, non poisonous insecticides," according to Dr. Walter Ebeling, UCLA entomologist.

New Leaflet

PUBLICATION TELLS ABOUT COTTON FILM

A new leaflet describing the color, sound movie, "Cotton—Nature's Wonder Fiber," is available from Cotton Council International, Memphis. The leaflet describes the production and information in the film, which is proving popular in the U.S. and abroad for meetings of all kinds.

Ginners, cottonseed crushers and others are urged to arrange for civic clubs, women's clubs, schools and other groups to obtain the movie. The film is available, on a loan basis without charge, through the National Cotton Council offices in Memphis.

James O'Neill President of NY Produce Exchange

James A. O'Neill, vice-president of the Continental Grain Co., has succeeded the late Samuel R. Striski as president of the New York Produce Exchange.

A member of the Exchange since 1931, O'Neill has been a member of the Board of Managers since 1951, and has served as vice-president of the Exchange since 1957. He also served the Exchange in various other official capacities for a number of years, including that of an active role on the important Committee on Grain.

■ S. L. KOPALD, JR., executive vice-president, HumKo, has been appointed to the Memphis and Shelby County Planning Commission.

• Dates for Ginners' Meetings Set

DATES of the Alabama-Florida, Carolinas and Georgia Cotton Ginnings' Associations' joint meeting will be Feb. 6-7, at the Biltmore Hotel in Atlanta. Tom Murray, executive for the Georgia and Alabama-Florida groups, announced the dates.

Southeastern Gin Suppliers' Exhibit will be held concurrently with these meetings, with the exhibits of gin machinery and supplies set up Feb. 4-5.

National Cotton Council will hold its annual meeting at the Atlanta Biltmore Feb. 9-10.

Lester Naylor Will Speak to Textile Manufacturers

Lester O. Naylor of New York, a vice-president of Montgomery Ward and Co., will be one of the featured speakers at the annual meeting of the North Carolina Textile Manufacturers' Association at the Carolina Hotel at Pinehurst, Oct. 9-10. Hunter Marshall, secretary-treasurer, has announced.

Naylor, head of Ward's New York division and also soft lines divisional merchandise manager, will speak at the morning session, Oct. 10. His talk will follow an address by NCTMA President Halbert M. Jones of Laurinburg, president of Waverly Mills, Inc. Jones also is president of the American Cotton Manufacturers' Institute, the central trade association for the nation's textile industry.

The two-day meeting opens at 10:30 a.m., Oct. 9 with an executive business session. Reports will be given by William C. Cannon of Kannapolis, chairman of the board of directors, and these chairmen of the association's committees: Hal W. Little of Wadesboro, legislative; R. D. Hall of Belmont, tax; Julian Robertson of Salisbury, traffic; D. R. LaFar, Jr. of Gastonia, finance; C. G. Buie of Biscoe, safety; C. A. Cannon of Kannapolis, cotton and employment security; J. A. White of Greensboro, textile school; J. D. Siewers of Winston-Salem, classes; and Carl R. Harris of Durham, resolutions.

Election of officers will be held Friday morning, following a report by J. C. Roberts of Gastonia, chairman of the nominating committee. If custom is followed, William C. Cannon, first vice-president, will succeed Jones. J. C. Cowan, Jr., of Greensboro will be elevated from second to first vice-president. The new officers will be presented at a banquet Friday night.

Cotton Conference Held

Arizona County Agents held a cotton marketing conference Sept. 18-19 at the Cotton Research Center in Phoenix. Speakers, all of Arizona, included Tom Rollow, William Hall, Harry A. Levine Dodge Golding, Warner Fisher, J. Howard Phy and Graham Powers.

Compress Sampling Urged

Lubbock Cotton Exchange has sent letters to 400 West Texas ginnings advocating compress sampling of cotton, rather than gin sampling.

Farmers Prove Insect Control Effective

Louisiana, Arkansas and Mississippi farmers have demonstrated that a carefully-planned insect control program, using toxaphene and DDT, effectively controls boll weevils and other pests. Results of the program, including 34,000 acres on 100 farms, were studied by representatives of The Cotton Gin and Oil Mill Press and other publications on a Sept. 16-18 tour, sponsored by Hercules Powder Co. The results will be reported in a comprehensive article in the next issue of The Press.

Research Planned for Boll Weevil Control

USDA announces that a special working group, representing the cotton industry, Southern state experiment stations and USDA, is considering the need of a comprehensive research program to find better means of controlling the boll weevil.

A three-man group, appointed by the Secretary of Agriculture, has completed preliminary plans for intensive study of boll-weevil research. Study is to begin immediately and will require about four months to complete.

Dr. H. G. Johnston of the National Cotton Council, Memphis, will represent the cotton industry on the group. Dr. Edward R. McGovran of USDA's State Experiment Stations Division was named to represent the Experiment Stations of the Southern States. Dr. Edward F. Knippling, director of entomology research for USDA, represents USDA's Agricultural Research Service, and is chairman of the group.

The working group will contact directors of state experiment stations, and state, federal and industry workers in various fields of agricultural science interested in boll weevil research. Results of the group's findings will be used by USDA to develop a program for more effective control of this cotton pest.

U.S.S.R. Asks Japan To Import Soybean Meal

The U.S.S.R. is reportedly asking Japan to import 25,000 metric tons of soybean meal in order to adjust the countries' trade balance, USDA reports.

In the past, Japanese policy has been to import soybeans instead of soybean meal, and to produce their own meal at domestic crushing mills. However, the Japanese Ministry of International Trade and Industry has indicated that soybean meal imports may have to be accepted if Japan wants to promote exports to Russia. The Ministry of Agriculture, on the other hand, is opposed to imports of soybean meal on the basis that they will hurt the domestic crushing industry. No decision has yet been reached. Japan is the leading importer of U.S. soybeans.

■ T. J. HARRELL, Traders Oil Mill, is at St. Joseph's Hospital, Fort Worth, recovering from an operation.

USDA's Foreign Service Promotes Walter Sikes

Walter W. Sikes has been appointed Director of the Fats and Oils Division of the USDA's Foreign Agricultural Service. He succeeds George A. Parks who has been made Deputy Assistant Administrator of the Foreign Agricultural Service.

Sikes will have primary responsibility for developing and conducting activities and programs helpful to increasing commercial sales abroad of U.S. fats, oils, oilseeds, and vegetable cake and meal. The economic analytical function relating to these commodities in foreign countries also will be under his direction.

The new Director has been Assistant to the General Sales Manager, CSS, of USDA since November 1955. He has had long experience in oils and oilseed work in the Department, having been associated with the Oils and Peanut Division, Commodity Stabilization Service, from 1948 to 1955. Sikes holds a B.A. degree from Wake Forest College in North Carolina. He joined USDA in September, 1935.

Mrs. Guy S. Meloy Dies

Mrs. Ethel R. L. Meloy, wife of Dr. Guy S. Meloy of Lenham, Md., died Sept. 13, at the Washington Hospital Center.

Dr. Meloy, a retired USDA official, was instrumental in establishing the grading of cottonseed, and is an honorary member of National Cottonseed Products Association.

Survivors include Dr. Meloy, a daughter, Mrs. Ethel M. Schreiner, a grandson, and a sister. Interment was in Arlington National Cemetery.

Nylon Yarn "Textured"

Allied Chemical Corp. has announced that its Caprolan nylon filament yarn, in a new "textured" form, is being made into carpets.

WHICH TYPE
is best suited to your
particular needs?

NOW TWO SEALED TYPES OF FAFNIR WIDE INNER RING BALL BEARINGS



In standard duty Fafnir Power Transmission Units—Pillow Blocks and Flange Cartridges—you have a choice.



1. the type now featuring PLYA-SEALS (Contact Type) or ...

2. the type featuring MECHANI-SEALS (Slinger Type)

FAFNIR
BALL BEARINGS

FOR NEW BULLETIN on the PLYA-SEAL Series, write The Fafnir Bearing Company, New Britain, Conn.

• Chemical Finishing Conference Set

TECHNICAL PAPERS on resin treatments for cotton, particularly the wash-and-wear variety, lead the list of topics to be presented at the seventh annual Chemical Finishing Conference.

The conference, sponsored by the National Cotton Council, will be held in Washington, Oct. 1-2 at the Statler Hotel. Chairman of the opening session will be J. David Reid, head, chemical finishing investigation, USDA Southern Regional Research Laboratory, New Orleans.

During this session, Rex H. Fink, manufacturing staff associate, Clorox Co., will discuss bleaching of cotton in home laundering. Following his talk, Hugh H. Mosher, research chemist, Arkansas Chemical Co., Newark, N.J.,

will cover chlorine retention in resin-treated cotton.

This session will also include a technical paper on the effect of creaseproofing agents on light fastness of sensitive dyes by Herman B. Goldstein, manager, production and research, Warwick Chemical Co., Wood River Junction, R.I.

The final paper of the first session will cover acid resin colloids for weather and rot resistance, delivered by W. Norbert Berard, cotton technologist, Southern Regional Research Laboratory.

Chairman of the afternoon session on Oct. 1 will be Alfred E. Brown, vice-president, Harris Research Laboratories, Washington. Improving smoothness of cotton fabrics will be discussed by Charles F. Goldthwait, visiting professor, School of Textiles, North Carolina State College, Raleigh.

He will be followed by Rollin S. Orr,

Southern Regional Research Laboratory, who will cover cotton fiber structure and mechanical properties. A. Mason DuPre, Jr., assistant division director, Southern Regional Research Laboratory, will wind up the session with a paper on mechanisms of permanent set and wrinkle recovery.

Following the close of the second session, "Cotton, Nature's Wonder Fiber," a 27-minute film on the cotton industry, produced by the Council in cooperation with USDA, will be shown.

The morning session on Thursday, Oct. 2, will be devoted to discussion of the four most popular creaseproofing agents for white cottons. Chairman of this session will be Arnold L. Lippert, vice-president and director of research, Joseph Bancroft and Sons Co., Wilmington, Del.

Triazone resins will be discussed by Rosser L. Wayland, Jr., research director, Dan River Mills, Danville, Va. Acetals will be covered by James B. Irvine, director of new product development, Quaker Chemical Products Corp., Conshohocken, Pa.

A discussion of epoxy blends will be given by Fred B. Shippee, research associate and consultant, Gagliardi Research Corp., East Greenwich, R.I. Triazines will be covered by Theodore F. Cooke, assistant to the manager, American Cyanamid Co., Bound Brook, N.J.

Chairman of the final session will be John W. Howard, Cotton Council textile chemist. Wrinkle resistance with APO resins will be reported by George L. Drake, Jr., Southern Regional Laboratory.

The final paper of the conference will be delivered by Albert C. Nuessle, head, Textile Applications Research Laboratory, Rohm and Haas Co., Philadelphia, and will cover amine odor in resin-treated fabrics.

New Safflower Variety Is Made Available

Gila, a new safflower variety resistant to phytophthora root rot, has been released to seed growers jointly by USDA and Arizona Experiment Station. Safflower, a relatively new oilseed crop, is becoming increasingly important in the manufacture of white paint and varnish because of its non-yellowing characteristics.

The new variety is equal or superior to variety N-10 in yield, oil percentage, and seed weight. N-10, the principal safflower variety now grown as a dry-land crop in the U.S., is not recommended in Arizona and other irrigated areas of the Southwest because of its extreme susceptibility to phytophthora root rot, USDA points out.

Enough seed of the Gila variety will be available to plant approximately 600 acres in December. This should result in sufficient registered seed of this variety for planting by farmers next year. Information of sources of seed is available from the Arizona Experiment Station at Tucson. No seed will be distributed by USDA.

At present, safflower is grown primarily in California's interior valleys as a dry-land crop. Gila, adapted to irrigation, will make production of safflower possible in other southwestern areas where replacement crops are needed.

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• Buckeye Has New Pulp Technique

A NEW x-ray diffraction technique has been developed which permits a complete characterization of pulp structure in two days instead of the two weeks formerly required, according to Dr. L. R. Parks of the Research and Development Laboratories at Buckeye Cellulose Corp.

In a paper delivered at the national meeting of the American Chemical Society, Dr. Parks reported that the technique marks a significant advance in efforts to tailor pulps more precisely to specific end uses. Although x-ray diffraction is widely used in the polymer field, he explained, its use has previously been impractical for cellulose studies.

The chief problem, he reported, was that the fibers in dissolving pulps are only one to three millimeters in length, making x-ray analysis difficult, particularly for the usual camera methods. For this reason, he said, the vast majority of x-ray work on cellulose until now has been on regenerated forms, particularly yarns. Other work in this area, he reported, has been more or less limited to long-fibered native cellulose, such as cotton and ramie, since these materials have the advantage of facile orientation in the x-ray beam which aids sample handling and interpretation of results.

According to Dr. Parks, the major feature of the new Buckeye diffraction technique is its simplicity. In the identification of cellulose phase type and in the measurement of crystallite size, he explained, a section of commercial dissolving pulp sheet is used without preliminary preparation. He reported that Buckeye research has shown that as long as the apparent density of the pulp sample is above a specified minimum value and the moisture level is within the usual commercial range, there is no effect from factors, such as surface roughness and fiber orientation within the sample, and the same diffraction pattern is obtained whether or not the sample is revolved in the x-ray beam.

Dr. Parks revealed that the new method also combines x-ray diffraction with sodium hydroxide swelling to provide a tool for measuring lateral order. The simple diffractometer technique replaces the tedious water regain method with a considerable saving in labor and elapsed time.

Since the new method is so easy and efficient, Dr. Parks said, many pulps have already been analyzed, and Buckeye researchers have been able to arrange pulps in groups according to species, pulping history and degree of purity.

Commercial pulps, he continued, can be easily grouped: sulfite wood pulps have ordered regions small in size and uniform in perfection of order; linter pulps have ordered regions large in size and also uniform in perfection of order; sulfate wood pulps have ordered regions intermediate in size but with varying degrees of perfection covering the entire spectrum of the other two types.

New Method Grows Yeast

Feed and vitamin manufacturers will benefit from a new way of growing yeast, USDA says. The development could lead to replacement of the present centrifuging method of harvesting yeast.

W. M. Garrard, Delta Cotton Leader, Dies

W. M. Garrard, Sr., Delta cotton leader, died Sept. 8 at Greenwood, Miss. He was active in the National Cotton Council, Delta Council and other industry organizations.

Garrard had been general manager of the Staple Cotton Cooperative Association since its organization in 1921 and was vice-president of the Staple Cotton Discount Corp. of Greenwood.

Garrard was born in Lawrenceville, Ill. He came to Mississippi 71 years ago, and he was graduated from Greenwood High School and Mississippi State College. Before assuming his position with the State Cotton Co-operative Association he was a cotton merchant at Indianola.

California To Name Maid

Deadline for entries in California's Maid of Cotton Contest is Oct. 15. Judging starts Nov. 7 in Fresno. Contestants will have their expenses paid to Fresno by California cotton interests sponsoring the selection of the state's entry in the national Maid of Cotton contest finals at Memphis in January.

■ THOMAS N. INGRAM, assistant to the secretary-treasurer of the American Cotton Manufacturers' Institute, has been elected assistant secretary-treasurer of the North Carolina Textile Manufacturers' Association. Ingram, a native of Bristol, Tenn., and a graduate of Virginia Polytechnic Institute, will serve as assistant to Hunter Marshall of Charlotte.

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Lubbock To Be Host City

Program, Speakers Are Announced

■ 1958 Cotton Spinner-Breeder Conference Scheduled Oct. 21-22.

"Modern Quality Evaluations and Their Relation to Cotton Spinning" will be the theme of the 1958 Cotton Spinner-Breeder Conference to be held in Lubbock, Texas, on Oct. 21 and 22.

In announcing plans for the conference, J. R. Flatt, chairman of the Delta Council Advisory Research Com-

mittee, said that the Plains Cotton Growers, Inc., would be host to the industry-wide meeting. The 1958 conference will be the thirteenth in the series of conferences initiated in 1944 by cotton breeders and producers in the Mississippi Delta. The meeting is sponsored by the Delta Council Advisory Research Committee.

Walter Regnery, vice-president, Joanna Mills, Joanna, S.C. will give the keynote address on the morning of Oct. 21. Regnery's subject is "A Look at the Values Related to Cotton Fiber Qualities."

Senator George B. Walker, chairman of the Spinner-Breeder Conference Subcommittee, said that the program for the meeting would feature a series of addresses and panel discussions on

topics of particular interest to cotton breeders, producers and spinners.

Dr. C. R. Sayre, past president of Delta Council and president of the Delta and Pine Land Co., will serve as moderator for a panel discussion on "Opportunities in Quality Evaluation." Panel participants are Burt Johnson, National Cotton Council of America; Ed Calkins, U.S. Rubber Co.; Earl Heard, West Point Manufacturing Co., and Earl Berkley, Anderson, Clayton & Co.

"Upgrading Cotton Quality" will be the subject for a second panel discussion, scheduled for the afternoon session on Oct. 21. Moderator will be Harold Loden, Paymaster Farms, Plainview, Texas.

Panel participants will include J. W. Winston Neely, vice-president, Coker's Pedigreed Seed Co., Hartsville, S.C.; Early Ewing, Jr., Delta and Pine Land Co., Scott, Miss.; J. D. Bilbro, Jr., research agronomist, Texas Experiment Station, Lubbock; Charles F. Lewis, Bureau of Plant Industry, USDA, Beltsville, Md., and George Harrison, director of research, Calicot, Ltd., Bakersfield, Calif.

The second day of the conference will be devoted to a series of discussions on cotton ginning, pilot plant developments, and developments in textile machinery as related to cotton quality. George Rea Walker, vice-president, Stoneville Pedigreed Seed Co., Stoneville, Miss., will preside. Charles M. Merkel, engineer in charge, Cotton Ginning Investigations, Stoneville, will discuss cotton ginning developments as related to quality. Pilot plant developments and benefits to cotton improvement will be reviewed by George Pfeiffenberger, executive vice-president, Plains Cotton Growers, Inc. Representatives of the Textile Machinery Manufacturers' Association will summarize developments in textile machinery as related to quality.

As host, the Plains Cotton Growers, Inc., are planning entertainment for those attending the conference and a series of tours of cotton breeding, harvesting, ginning, and pilot spinning plant developments in the Plains area. The Cotton and Cottonseed Research Committee of the USDA will meet in Lubbock, Oct. 20, and will remain for the Spinner-Breeder Conference.

The conference program will begin at 9:30 a.m. on Oct. 21 in the Lubbock Hotel, Lubbock. Request for hotel reservations should be made direct to hotels.

Acetate Sales Rise While Other Textiles Slump

Acetate sales are rising, while other textiles slump, says the Wall Street Journal. Total acetate output was 12 percent larger than a year ago during the first eight months of 1958, and the year's volume may be the largest since 1952.

In contrast, decreases for other fibers in the first six months of 1958 were: wool, 28 percent; cotton, 8 percent; and rayon, 17 percent below 1957 levels.

McElroy Wins Award

Greater Philadelphia Chamber of Commerce presented its 1958 William Penn Award to Defense Secretary Neil H. McElroy. The award was for his "deep personal sacrifice" in leaving business (as head of Procter and Gamble) and entering government service.



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In Editorial Comment

J. H. West Talks About "Parity"

■ TEXAS FARM Bureau chief discusses economic problems.

"Remember, any government that is big enough to give us everything we want, is also big enough to take everything we have," J. H. West, president of the Texas Farm Bureau, pointed out in an editorial in the September issue of Texas Agriculture, the official publication of the organization.

West, in affirming that government does have a part to play in agricultural programs, warned, "we must determine how much we are willing to permit it to manage for us."

Writing on the fallacy of past government parity programs, West pointed out an economic truth that "prices are determined by what someone is willing to pay," and he continued this . . . "has not changed and never will, regardless of how many laws we pass."

"Price is one thing we are interested in," the farm leader said. "Prices are never high enough when we sell and never low enough when we buy. Every sale, regardless of size, is determined by what someone is willing to pay. This we call market price."

West outlined the efforts of the past 25 years to develop a formula, usually based on some prior period, to deter-

1958 Cotton Acres in Soil Bank Reserve

USDA final figures on the 1958 Soil Bank acreage reserve sign-up show a total of 4,925,957 acres of cotton in 444,618 agreements signed by farmers. By states, the acreage of Upland cotton put in the acreage reserve was:

State	Acres
Alabama	466,155
Arizona	16,687
Arkansas	317,069
California	49,472
Florida	18,858
Georgia	479,020
Illinois	573
Kansas	4
Kentucky	1,983
Louisiana	208,175
Maryland	13
Mississippi	472,610
Missouri	69,984
Nevada	52
New Mexico	19,021
North Carolina	197,419
Oklahoma	362,954
South Carolina	305,193
Tennessee	151,803
Texas	1,733,743
Virginia	5,497
Total	4,925,957
Average per Agreement	11.1

mine a "fair" price for which farm products should sell, called a "parity price."

"We have passed many laws seeking to guarantee and maintain these prices," West declared. "We have moved from plain parity to modernized parity and on to dual parity. If we have proved anything at all it is that there is no practi-

cal political solution to an economic problem.

"One authority has said that, had we used the same method of pricing in other fields, a Ford or Chevrolet would sell for more than \$6,000 with no allowance for the improvements that have been made since 1914. A Coca Cola would be priced between 20 and 25 cents.

"How many of these items do you think you would see at such prices?" he asked. "How long would these manufacturers maintain enough volume to continue in business?"

"Price is important," West declared, "but it is only one of the factors we must consider. We must maintain volume. We must be free to make the best use of our land and equipment and to take advantage of technological improvement. Parity of income is what we are most interested in."

M. M. Phillips Dies Sept. 1 In Kerrville Hospital

M. M. Phillips, Corpus Christi, Texas, died Sept. 1 after a long illness at the U.S. Veterans' Administration Hospital in Kerrville.

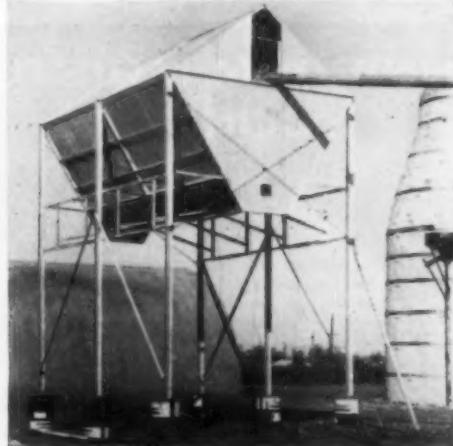
He had many friends throughout the cotton ginning, compress and oil mill industry with whom he did business as a dealer in equipment and supplies. His business will not be continued.

He is survived by his wife, Stacie Deavers Phillips; one son, Lieutenant John Ben Phillips of the Eleventh Armored Cavalry, stationed at Straubing, Germany; one granddaughter; two brothers; and four sisters.

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Pickles Are Profitable Where Cotton Grew

Pickles are proving profitable on West Texas land taken out of cotton this season.

Thirty-five Ralls farmers report an average of \$100 net profit per acre on cucumbers grown for a pickle company. The farmers produced 1,063,000 pounds of cucumbers on 270 acres, and expect better yields next season.

Yugoslavia May Increase Lard Imports in 1959

During the year ending June 30, 1958, Yugoslavia imported or contracted to import 44 million pounds of lard, USDA says.

U.S. lard accounted for 12 million pounds, while Europe supplied the balance. In the year ending June 30, 1957, U.S. lard exports to Yugoslavia came to 66 million pounds, 60 million of which were shipped under Title I, P. L. 480. There were no Public Law 480 shipments of U.S. lard to Yugoslavia in fiscal 1958.

An increase of 25 percent in Yugoslav lard imports is forecast for fiscal 1959.

Carded Yarn Meeting Set

The Carded Yarn Association expects 200 at the annual convention, Oct. 29-30, at the Homestead, Hot Springs, Va.



Moorer Accepts DOD Award

WILLIAM D. MOORER, right, president of the Moorlane Co. and Braden Steel Corp., is shown accepting a Department of Defense Award from Major General R. E. L. Easton, USAF, commander of the Tenth Air Force, based at Selfridge Field, Mich. The presentation was made at a Tulsa Chamber of Commerce Forum luncheon. The award is given to a few companies each year which have established policies, beyond standard business procedure, that do not discriminate against, jeopardize or restrict employees who either want to or are required to participate in military reserve or national guard activities. During World War II the Moorlane Co. earned the E Award.

New Operation Starts Oct. 1

Laton Cooperative Gin expects ginning to start Oct. 1 at its new gin,

supplementing its present gin, two miles west of Laton, Calif. B. J. Helm is manager.

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New Orleans

U. S. Cotton Market

(Continued from Page 7)

of our cotton than they presently are, and interest in textile manufacturing is strong. Many new and modern mills have been built recently, and local demand alone is great enough to justify this expansion.

They too, however must depend largely on our aid money, more so than Japan, because their exports to us are much smaller. As their exports are expanded, their demand for our cotton will also expand provided our prices are competitive in the world market.

■ HONG KONG—This is a market without much room for expansion. The actual space available for new facilities is extremely limited. Also there is no room for warehousing stocks of cotton. This limits buying to a hand-to-mouth proposition, which keeps total purchases below what they would be if warehouse space were available. They like dealing with us, however; and use all the U.S. cotton that they can.

■ AUSTRALIA—There is potential market for U.S. cotton almost without limit in Australia. As their population increases, and along with it the demand for high quality textiles and the know-how for producing them, I believe Australia will become more and more important as a market for our cotton. Eventually, they will also become important producers of cotton, but this appears to be in the future, and depends largely on the development of well-irrigation.

• What Can We Do?—What must the U. S. cotton industry do to develop the good long-range outlook for cotton sales in the Far East and Australia?

We must, it seems to me, concentrate on quality production, (none of these are "junk" markets for cotton, contrary to some opinions) at prices which are near competitive world markets.

Because of the reliability of our shippers and the quality of our cotton, these mills will buy from us at or even slightly above competitive prices, provided they have funds. No matter where you go in the textile business, you always come up with the same set of answers; better quality, more promotion, competitive prices. This is certainly true of the markets I visited.

Association Sets Meeting

The annual meeting of the Association of Southern Agricultural Workers will be held Feb. 2 to 4, in Memphis, with headquarters in the Peabody Hotel, according to C. E. Kemmerly, Jr., secretary-treasurer of the organization.

L. D. Dietrich is president of the association with D. W. Colvard as vice-president.

The section meeting places are as follows:

Chisca Hotel—Agricultural Economics and Rural Sociology; Marketing;

Claridge Hotel—Agronomy; Horticulture;

Gayoso Hotel—4H Conference;

King Cotton Hotel—Agricultural Engineers; Agricultural Editors; Poultry; Soil Conservation;

Peabody Hotel—Animal Production; Dairy; Entomology; Forestry; Home Economics; Phytopathology; and Plant Physiology.

Planting Rates Influence Yields of Soybeans

Planting rates have proved to have significant influence on soybean yields, Oklahoma Experiment Station reports.

At Bixby, Okla., the Clark variety produced five to nine bushels more per acre when seeded at the rate of six to eight viable seeds per foot than when seeded at two, four, 10 or 12 seeds per foot.

Eight viable seeds per foot of Dorman produced from eight to 12 bushels per acre more than any of the other five planting rates. For Lee variety, the rates of six, eight, and 10 viable seeds per foot yielded only slightly higher than the other three rates.

The optimum rates in each case produced plants that provided good ground cover for late-season weed control. Also the plants were more upright and in a better position for combining.

■ W. RAY SHOCKLEY, for the past two years Georgia and Alabama public relations field representative of the American Cotton Manufacturers' Institute, has been transferred to the Charlotte office in an administrative capacity. JAMES M. HALES, state news editor of the Atlanta Constitution, Atlanta, Ga., will succeed Shockley. Hales will have his office at his residence, 814 North Parkwood Road, Decatur, Ga.

Dr. R. J. Hildreth Named Research Coordinator

Dr. R. J. Hildreth, agricultural economist, has been named coordinator of research for the West Texas area, with headquarters at the Texas Experiment Station's Lubbock Substation.

He succeeds Dr. Gerald W. Thomas, who resigned to become dean of agriculture at Texas Technological College, Lubbock.

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New Booklet

HISTORY NOTES IMPORTANCE OF RESEARCH AT P&G

One out of every 10 Procter & Gamble employees is engaged in research projects in a bid to anticipate the needs of the home 15 or 20 years from today, a new booklet on the history of the company points out.

This historical booklet says that Procter & Gamble, which initiated one of the first industrial research programs in America in 1887 with a staff of three, is constantly pioneering to improve and better its products as well as develop new ones.

The booklet, "The Moon and Stars," says the spirit of inquiry that brought

a whole new synthetic detergent industry into being in the past 25 years is the spirit flourishing today in the company's laboratories.

Within the past decade, it notes, P&G scientists have achieved success in such projects as discovering a new process of rearranging fats and oil molecules to create completely new shortenings and the first toothpaste clinically proven to make tooth enamel more resistant to decay.

The booklet, written by Alfred Lief, well-known business historian, traces the dramatic story of how William Procter and James Gamble set up a partnership 120 years ago to make soap and candles and how P&G developed into a worldwide corporation of 30,000 employees



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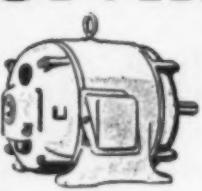


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National Cotton Week Will Be May 18-23

May 18-23, 1959, will be the dates for the twenty-ninth annual observance of National Cotton Week, the National Cotton Council has announced.

with sales in excess of a billion dollars a year.

The booklet also points out that the company was a pioneer in the field of labor relations. In 1886, Procter & Gamble adopted the "radical" idea of giving employees every Saturday afternoon off without loss of pay and in 1887 adopted a "more radical" profit-sharing plan. This was one of the earliest attempts in this field in American history and the only one of the pioneer profit-sharing plans that has endured to this day. In 1923 the company inaugurated a plan for guaranteed annual employment.

As for the future, the publication says:

"The P&G organization has maintained a healthy discontent with the present and a confidence that new and better products are always possible, that there are better ways to make and sell them, better ways to solve every problem in the operation of our business.

"This constant desire for improvement is part of the character of Procter & Gamble inherited from the initiative of the founders and strengthened by each succeeding generation of management. It has inevitably resulted in growth."

Drusilla Nan Joins Lawtons

Edgar Lawton, Senior and Junior, of Hartsville Oil Mills, are receiving congratulations upon the arrival of a granddaughter and daughter at Hartsville, S.C. Drusilla Nan is the name of the young lady, daughter of Mr. and Mrs. Edgar Lawton, Jr.

Ginnings to Sept. 1

Through Aug. 31, a total of 1,009,257 bales of cotton had been ginned in the U.S., the Bureau of Census reports. This compared with 969,677 to the same date in 1957 and 1,510,410 in 1956. Ginnings by states to Aug. 31 for the last three seasons are:

State	1958	1957	1956
United States	1,009,257	969,677	1,510,410
Alabama	50,593	104,971	75,380
Arizona	11,697	11,620	21,972
Arkansas	—	259	8,565
California	7,873	3,374	6,787
Florida	3,231	4,300	3,481
Georgia	93,264	148,466	135,069
Louisiana	25,815	29,660	88,238
Mississippi	4,919	72,190	116,459
South Carolina	22,414	60,222	65,961
Texas	789,160	534,615	988,508

The 1958 figures in this report are subject to revision when checked against individual reports of ginnery.

The U.S. total for 1958 includes 212,569 bales of the crop of 1958 ginned prior to Aug. 1 and counted in the supply for the cotton season of 1957-58, compared with 220,756 for 1957 and 404,845 for 1956. Also included are 128 bales of American-Egyptian cotton for 1958, compared with 112 for 1957 and 53 for 1956.

Cotton consumed during July, 1958, amounted to 613,511 bales. Cotton on hand in consuming establishments on July 31, 1958, was 1,603,129 bales, and in public storage and in compresses 6,850,617 bales. The number of active consuming cotton spindles for July was 17,501,000. Imports during May, 1958, were 3,859 bales and the exports of domestic cotton, excluding linters, during June were 433,434 bales.

CALENDAR



- Oct. 20-22—American Oil Chemists' Society fall meeting, Chicago. For information, write AOCS headquarters, 35 East Wacker Drive, Chicago.
- Oct. 21-22—Spinner-Breeder Conference, Lubbock, Texas. (In conjunction with USDA Cotton and Cottonseed Advisory Committee meeting and South Plains Maid of Cotton Contest.) For information, write Delta Council, Stoneville, Miss., or Plains Cotton Growers, Inc., Lubbock National Bank Building, Lubbock.
- Dec. 6—Tri-States Oil Mill Superintendents' Association Regional meeting, Greenville, Miss. J. C. Holloway and Billy Shaw, co-chairmen.
- Dec. 17-18—Beltwide Cotton Production Conference, Rice Hotel, Houston, Texas. For information, write National Cotton Council, P. O. Box 9905, Memphis 12, Tenn.

1959

- Jan. 30—Oklahoma Cotton Ginners' Association annual convention, Skirvin Hotel, Oklahoma City. Mrs. Roberta Reubell, secretary, 307 Bettes Building, Oklahoma City.
- Feb. 8-10—Texas Cooperative Ginners' Association, Texas Federation of Cooperatives and the Houston Bank for Cooperatives, annual joint meeting, Convention Center, Galveston. Bruno E. Schroeder, executive secretary, 307 Nash Building, Austin, Texas.
- Feb. 9-10—National Cotton Council annual meeting, Dinkler Plaza Hotel, Atlanta. For information, write National Cotton Council, P. O. Box 9905, Memphis.
- Feb. 16-17—Cottonseed Processing Clinic, Southern Regional Laboratory, New Orleans. Sponsored by USDA and Valley Oilseed Processors' Association. C. E. Garner, 416 Exchange Building, Memphis, Association secretary.
- March 3-4—Western Cotton Production Conference, Westward Ho Hotel, Phoenix, Ariz. Southwest Five-State Cotton Growers' Association and National Cotton Council, P. O. Box 9905, Memphis 12, sponsors.
- March 9-11—Midsouth Gin Supply Exhibit, Midsouth Fairgrounds, Memphis. Sponsored by Arkansas-Missouri Ginners' Association, Tennessee Ginners' Association and Louisiana-Mississippi Ginners' Association, which will have annual meetings in conjunction with Exhibit. For information on exhibit, write W. Kemper Bruton, P. O. Box 345 Blytheville, Ark.
- March 12-14—Texas Cotton Association annual convention at the Statler

Hilton Hotel, Dallas. L. T. Murray, Waco, executive vice-president.

- March 13-15—West Coast Division, International Oil Mill Superintendents' Association, annual meeting, Bakersfield, Calif. Harold F. Crossno, California Cotton Oil Corp., Los Angeles, general chairman.
- April 5-7—Texas Cotton Ginners' Association annual convention, State Fair of Texas grounds, Dallas. Edward H. Bush, executive vice-president, P. O. Box 7665, Dallas.
- April 6-7—Valley Oilseed Processors' annual convention, Buena Vista Hotel, Biloxi, Miss. C. E. Garner, 416 Exchange Building, Memphis, secretary.
- April 17-18—Oklahoma State Cotton Exchange convention, Lake Texoma Lodge. For information write Mrs. M. Rascoe, secretary-treasurer, 244 American National Building, Oklahoma City 2.
- April 21-22—National Cotton Compress and Cotton Warehouse Association, annual meeting at the Galvez Hotel, Galveston, Texas; an equipment show will be held at the Moody Center at Galveston. For information write John H. Todd, executive vice-president, P. O. Box 23, Memphis 1.
- May 8—Oklahoma Cottonseed Crushers' Association annual meeting, Lake Texoma Lodge. Mrs. Roberta Reubell, secretary-treasurer, 307 Bettes Building, Oklahoma City.
- May 10-11-12—National Cottonseed Products Association annual convention, Mark Hopkins and Fairmount Hotels, San Francisco. John F. Moloney, 43 North Cleveland, Memphis, secretary-treasurer.
- June 7-8-9—Texas Cottonseed Crushers' Association annual convention, Shamrock Hotel, Houston. Jack Whetstone, 624 Wilson Building, Dallas, secretary-treasurer.
- June 7-8—Tri-States Oil Mill Superintendents' Association annual convention, Buena Vista Hotel, Biloxi, Miss. B. C. Lundy and Woodson Campbell co-chairmen.
- June 7-8-9—Southeastern Cottonseed Crushers' Association meeting, The Castle in the Clouds, Lookout Mountain, Tenn. For information write, C. M. Scales, secretary, 318 Grand Theatre Building, Atlanta 3.
- June 21-23—International Oil Mill Superintendents' Association annual convention, Galvez Hotel, Galveston, Texas. H. E. Wilson, secretary-treasurer, P. O. Box 1180, Wharton, Texas.



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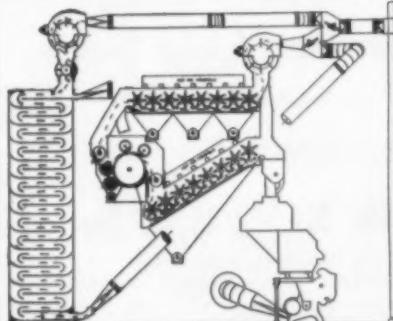
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Close-up view of our
eight cylinder cleaner
and drier.



An expectant mother said to her little boy, "Now, Ronnie, if you will pray real hard, maybe the Lord will bring you a little sister."

The following night, after he had said his usual short prayer, his mother heard him add: "Dear Lord, if you have a baby almost finished, don't bother putting in her tonsils, as they just have to be taken out anyway."

Going on a diet is simply the triumph of mind over platter.

Two men were sitting in the lobby of a blood donor station. One was an eastern tourist, the other an Apache Indian. After staring a few minutes, the tourist could contain his curiosity no longer. "Are you a full-blooded Indian?" he asked.

"Well, no," the Apache murmured, "not exactly. One pint short."

The short, unhappy life of Dennis MacDougal ended at the age of 48. His bereft widow, inconsolable at first, finally got a dog to ease her loneliness. Soon she became very attached to it and her sorrow mellowed.

"She's happy because she has gotten back into her old pattern of life," mused a neighbor. "That dog is the perfect substitute for poor Dennis. He's out all day, snoozes all evening, and she feeds him out of cans."

Bewildered: "I don't know what to do. I love a very beautiful girl, but she doesn't love me. A very homely girl loves me, but I don't love her. I want to get married, but can't forget the beautiful girl. What would you do if you were in my shoes?"

Solomon: "I'd get 'em shined."

When all is said and done, there's generally more said than done.

Two fellows met at a bar. "Say," said the first, "what does your wife say when you're out this late?"

"Nothing," replied the other, "I'm not married."

The first fellow pondered for a moment, and asked, "Then why do you stay out this late?"

On his way to the city, commuter Jim Smith found himself seated next to a very nosy neighbor. During the course of their conversation the curious one asked Smith what he had paid for his house, his car, and what dues he paid at the country club. The exasperated Smith replied as shortly as possible, but the interrogator was undismayed as he continued: "I hear you sold that pedigree retriever dog of yours."

"Yes," said Smith.

"Do you mind telling me what you sold him for?" pursued the questioner.

"Not at all," retorted Smith. "I sold him for chewing the table leg."

Two privates, driving along in a jeep, slowed down as they observed something lying ahead in the road.

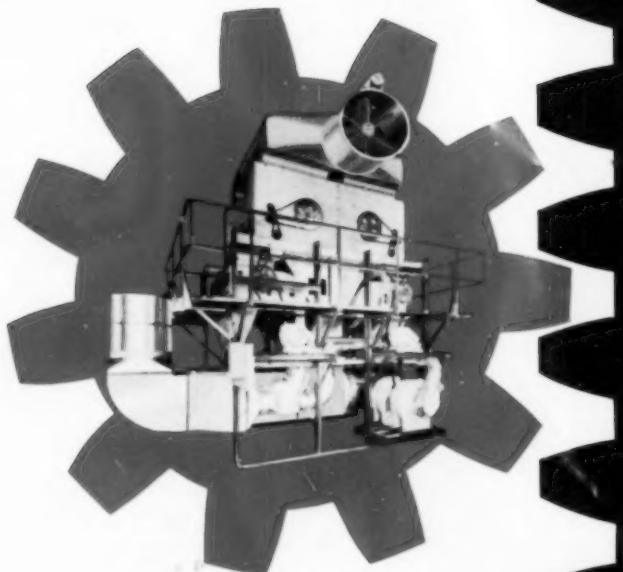
"It has two stripes," observed one.

"Yeah," said the other. "It's either a skunk or a corporal."

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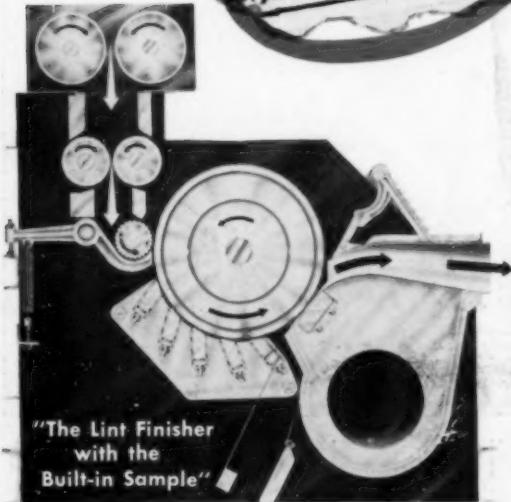
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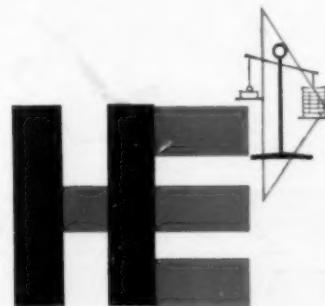
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